



# भारत का राजपत्र The Gazette of India

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No.51] NEW DELHI, SATURDAY, DECEMBER 18—DECEMBER 24, 2004 (AGRAHAYANA 27, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

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Kolkata, the 18th December 2004

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Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

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Pondicherry and the Union  
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Telegraphic Address "PATENTOFFIC"  
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Fax Nos. (044) 2431 4750/4751.  
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Kolkata-700 020.

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Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

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Website : http://www. ipindia. nic. in

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### पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 18 दिसम्बर 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश  
तथा गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता : "पेटेफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patnum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2537 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,  
गुणा कम्प्लेक्स, छत्र तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giascl01.vsnl.net.in

वेब साइट : http://www. ipindia. nic. in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से निबंधक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

NATIONAL PHASE APPLICATIONS FOR THE MONTH OF JANUARY-2004.

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	00001/CHENPI/2004 Dt: 01/01/2004	PCT/US02/21151 Dt: 02/07/2002	Nos. 10/1801, 828; 60/302, 853	United States of America	Qualcomm Incorporated, USA	An apparatus and method for encoding digital image data in a lossless manner	G 06 K
2	00002/CHENPI/2004 Dt: 01/01/2004	PCT/US02/21157 Dt: 02/07/2002	No. 09/898, 284	United States of America	Qualcomm Incorporated, USA	Lossless intraframe encoding using golomb-rice	G 06 K 9/36
3	00003/CHENPI/2004 Dt: 01/01/2004	PCT/US02/21155 Dt: 02/07/2002	No. 09/898, 347	United States of America	Qualcomm Incorporated, USA	System and method for frame re-transmission in a broadcast communication system	H 04 L 1/16
4	00004/CHENPI/2004 Dt: 01/02/2004	PCT/US02/21156 Dt: 01/01/1900	Nos. 60/303, 021; 09/829, 857	India	M/S. Hetero Drugs Limited, "HETERO HOUSE", H.No. 8-3-166/7/1, Erragadda, Hyderabad - 500018	A novel process for the preparation of simvastatin	-
5	00005/CHENPI/2004 Dt: 01/02/2004	PCT/US02/21165 Dt: 02/07/2002	No. 09/898, 580	United States of America	Qualcomm Incorporated, USA	Base station synchronization in a WCDMA system	H 04 B 7/26
6	00006/CHENPI/2004 Dt: 01/02/2004	PCT/US02/21165 Dt: 02/07/2002	No. 09/898, 580	United States of America	3M Innovative Properties company, USA	Micro lens sheeting with composite image that appears to float	G 02 B 5/128
7	00007/CHENPI/2004 Dt: 01/02/2004	PCT/FR02/02319 Dt: 03/07/2002	No. 01/08880	France	Rhodia Chimie, France	Preparation of aromatic organozinc compounds and composition therefore	C 07 F 3/06

8	00008/CHENP/2004 Dt : 01/02/2004	PCT/EP02/06626 Dt : 14/06/2002	No. 101 32 252.6	Germany	BASF Aktiengesellschaft, Germany	Device for performing catalytic screening	B 01 J 19/00
9	00009/CHENP/2004 Dt : 01/02/2004	PCT/FR01/02136 Dt : 04/07/2001		France	OKYZ, France	Method and system for transmitting of data for two - or three - dimensional geometrical entities	G 06 F 11/34
10	00010/CHENP/2004 Dt : 01/02/2004	PCT/EP02/07359 Dt : 03/07/2002	No. 01116199.9	Germany	AplaGen GmbH, Germany	Immunologic binding molecules which inhibit the syncytial fusion of trophoblast cells	C 07 K 16/18
11	00011/CHENP/2004 Dt : 01/05/2004	PCT/EP02/04596 Dt : 25/04/2002	No. 60/296, 381	United States of America	BASF CORPORATION, USA	Method of making a polymer from a polymer precursor composition	C 08 K 5/00
12	00012/CHENP/2004 Dt : 01/05/2004	PCT/FI02/00729 Dt : 11/03/2002	No. 09/954, 608	Finland	Nokia Corporation, Finland	Method for sub - pixel value interpolation	H 04 N 7/01
13	00013/CHENP/2004 Dt : 01/05/2004	PCT/IT02/00435 Dt : 02/07/2002	No. FI101A000124	Italy	Biancalani S.P.A, Italy	Machine for drying and treating fabrics with rotating drum with variable inclination	D 06 B 3/24
14	00014/CHENP/2004 Dt : 01/05/2004	PCT/IT02/00436 Dt : 02/07/2002	No. FI01A000125	Italy	Biancalani S.P.A, Italy	Machine for drying and treating fabrics with rotating drum and fabrics with rotating drum and fabric transfer ducts	D 06 M
15	00015/CHENP/2004 Dt : 01/05/2004	PCT/IB02/04185 Dt : 17/05/2002	Nos. P - 347918; P - 350375	Japan	Ammono SP.ZO.O, Poland & Nichia Corporation, Japan	Process and apparatus for obtaining bulk monocrystalline gallium - containing nitride	C 30 B



16	00016/CHENP/2004	PCT/US02/21272	No. 60/303, 593	United States of America	Computer Associates Think, Inc., USA	System and method for identifying and generating business events	G 06 F
	Dt : 01/05/2004	Dt : 05/07/2002					
17	00017/CHENP/2004	PCT/US02/21270	No. 60/303, 594	United States of America	Computer Associates Think, Inc., USA	System and method for generating and propagating business events	G 06 F
	Dt : 01/05/2004	Dt : 05/07/2002					
18	00018/CHENP/2004	PCT/US02/21271	No. 60/303, 595	United States of America	Computer Associates Think, Inc., USA	System and method for analyzing business events	G 06 F 9/46
	Dt : 01/05/2004	Dt : 05/07/2002					
19	00019/CHENP/2004	PCT/US02/21027	No. 60/303, 054	United States of America	Computer Associates Think, Inc., USA	System and method for developing business process policies	G 06 F
	Dt : 01/05/2004	Dt : 03/07/2002					
20	00020/CHENP/2004	PCT/US02/21028	No. 60/303, 143	United States of America	Computer Associates Think, Inc., USA	System and method for transforming business process policy data	H 04 L
	Dt : 01/05/2004	Dt : 03/07/2002					
21	00021/CHENP/2004	PCT/FR02/01930	No. 01/07466	Great Britain	BPB plc., Great Britain	Extruder for making a board based on a binder such as gypsum plaster	B 28 B 19/00
	Dt : 01/06/2004	Dt : 06/06/2002					
22	00022/CHENP/2004	PCT/US02/20998	No. 60/303, 732	United States of America	Geron Corporation, USA	Mesenchymal cells and osteoblasts from human embryonic stem cells	C 12 N 5/02
	Dt : 01/06/2004	Dt : 03/07/2002					
23	00023/CHENP/2004	PCT/US02/15275	No. 09/875, 999	United States of America	Aventis pharmaceuticals, INC., USA	Multi - well plate with perimetral heat reservoir	B 01 L 9/00
	Dt : 01/06/2004	Dt : 13/05/2002					
24	00024/CHENP/2004	PCT/FR02/01928	No. 01/07462	Great Britain	BPB plc., Great Britain	Cement binder based plate	C 04 B 28/06
	Dt : 01/06/2004	Dt : 06/06/2002					

25	00025/CHENP/2004	PCT/US02/21423	No. 09/899, 708	United States of America	HARSCO TECHNOLOGIES CORPORATION, USA	Unitary body quadrilateral header for heat exchanger	F 28 F 9/02
	Dt : 01/06/2004	Dt : 05/07/2002					
26	00026/CHENP/2004	PCT/US02/21349	No. 60/303, 474	United States of America	M/S. Merck & co., USA	Beta - amino tetrahydroimidazo (1, 2 - A) pyrazines and tetrahydrotriazolo (4; 3 - A) pyrazines as dipeptidyl peptidase inhibitors for the treatment or prevention of diabetes	C 07 D 487/04
	Dt : 01/06/2004	Dt : 05/07/2002					
27	00027/CHENP/2004	PCT/US02/21451	No. 60/303, 431	United States of America	Computer Associates Think, Inc., USA	System and method for rapidly locating historical performance data	-
	Dt : 01/06/2004	Dt : 08/07/2002					
28	00028/CHENP/2004	PCT/US02/21376	No. 60/303, 447	United States of America	Computer Associates Think, Inc., USA	Method and system for correlating and determining root causes of system and enterprise events	G 06 F 11/00
	Dt : 01/06/2004	Dt : 08/07/2002					
29	00029/CHENP/2004	PCT/US02/21378	No. 60/303, 424	United States of America	Computer Associates Think, Inc., USA	Business process policy object	G 06 F
	Dt : 01/06/2004	Dt : 08/07/2002					
30	00030/CHENP/2004	PCT/US02/21379	No. 60/303, 425	United States of America	Computer Associates Think, Inc., USA	System and method for managing object based clusters	H 02 H 3/05
	Dt : 01/06/2004	Dt : 08/06/2002					
31	00031/CHENP/2004	PCT/US02/21439	No. 60/303, 448	United States of America	Computer Associates Think, Inc., USA	Method and system for providing a virtual user interface	G 06 F 11/36
	Dt : 01/06/2004	Dt : 08/07/2002					

32	00032/CHENP/2004	PCT/JP02/05584	No. 2001 - 173983	Japan	RIKEN, Japan; ABE, Takashi, Japan; MEIJI Dairies Corporation, Japan	Amino acid mixture - containing agent capable of raising body temperature for food or drink use and medical use
	Dt : 07/01/2004	Dt : 06/06/2002				
33	00033/CHENP/2004	PCT/US02/22245	Nos. 60/305, 087; 60/322, 695	United States of America	Geron Corporation, USA	Cells of the cardiomyocyte lineage produced from human pluripotent stem cells
	Dt : 07/01/2004	Dt : 12/07/2002				
34	00034/CHENP/2004	PCT/US02/17796	No. 09/876, 984	United States of America	BIC Corporation, USA	Polyurethane based inks for writing instruments
	Dt : 07/01/2004	Dt : 06/06/2002				
35	00035/CHENP/2004	PCT/US02/18277	No. 60/297, 155	United States of America	Cosmetica, Inc., USA	Colored sunscreen compositions
	Dt : 07/01/2004	Dt : 06/06/2002				
36	00036/CHENP/2004	PCT/NL02/00441	No. 60/303, 389	Netherlands	DSM IP Assets B.V., Netherlands	Process for the manufacture of homopolyamide - 4, 6 fibers
	Dt : 08/01/2004	Dt : 05/07/2002				
37	00037/CHENP/2004	PCT/US02/21768	No. 60/303, 868	United States of America	Aphton Corporation, USA	Treatment and prevention of cancerous and pre - cancerous conditions of the liver, lung and esophagus
	Dt : 08/01/2004	Dt : 09/07/2002				
38	00038/CHENP/2004	PCT/EP02/07323	No. 01116812.7	Switzerland	F. Hoffmann - La Roche AG, Switzerland	Use of NK - 1 receptor antagonists for the treatment of braim, spinal or nerve injury
	Dt : 08/01/2004	Dt : 03/07/2002		Cote d'Ivoire		

39	00039/CHENP/2004	PCT/US02/21782	No. 09/901, 921	United States of America	Qualcomm Incorporated, USA	Method and apparatus for time - sharing channelization code in a CDMA communication system
	Dt : 08/01/2004	Dt : 09/07/2002				
40	00040/CHENP/2004	PCT/US02/21043	No. 09/902, 173	United States of America	Qualcomm Incorporated, USA	Apparatus and method for installing a decryption key
	Dt : 08/01/2004	Dt : 02/07/2002				
41	00041/CHENP/2004	PCT/US02/21781	No. 09/901, 831	United States of America	Qualcomm Incorporated, USA	Method and apparatus for time - aligning transmissions from multiple base stations in a CDMA communication system
	Dt : 08/01/2004	Dt : 09/07/2002				
42	00042/CHENP/2004	PCT/US02/21374	No. 60/304, 312	United States of America	Mallinckrodt Baker Inc., USA	Ammonia - free alkaline microelectronic cleaning compositions with improved substrate compatibility
	Dt : 08/01/2004	Dt : 08/07/2002				
43	00043/CHENP/2004	PCT/US02/21436	No. 60/304, 033	United States of America	Mallinckrodt Baker Inc., USA	Microelectronic cleaning compositions containing ammonia - free fluoride salts
	Dt : 08/01/2004	Dt : 08/07/2002				
44	00044/CHENP/2004	PCT/US02/21375	No. 60/304, 036	United States of America	Mallinckrodt Baker Inc., USA	Ammonia - free alkaline microelectronic cleaning compositions with improved substrate compatibility
	Dt : 08/01/2004	Dt : 08/07/2002				
45	00045/CHENP/2004	PCT/EP02/07594	No. 01116553.7	Switzerland	Novartis AG, Cote d'Ivoire	Benzo [G] quinoline derivatives for treating glaucoma and myopia
	Dt : 08/01/2004	Dt : 08/07/2002				

46	00046/CHENP/2004	PCT/EP02/06502	No. 60/303, 903	Netherlands	AKZO NOBEL N.V., Netherlands	Process to make high-purity wet salt, wet salt so obtainable, and the use thereof in an electrolysis process
	Dt : 08/01/2004	Dt : 07/06/2002				
47	00047/CHENP/2004	PCT/EP02/07472	No. 01202631.6	Netherlands	Solvay Pharmaceuticals B.V., Netherlands	Piperazine oxime derivatives having NK - 1 receptor antagonistic activity
	Dt : 08/01/2004	Dt : 03/07/2002				
48	00048/CHENP/2004	PCT/US02/20249	Nos. 60/300385, 60/360, 610	United States of America	Nosa Omoigui, 549, 239th Avenue SE, Sammamish, WA 98074 (USA)	System and method for knowledge retrieval, management, delivery and presentation
	Dt : 09/01/2004	Dt : 24/06/2002				
49	00049/CHENP/2004	PCT/DK02/00474	No. PA 2001 01073	Denmark	Novo Nordisk A/S, Denmark	Method and system for controlling wireless data information between two portable medical apparatuses
	Dt : 09/01/2004	Dt : 08/07/2002				
50	00050/CHENP/2004	PCT/IB02/02706	No. 01116879.6	United States of America	Hartcase Corporation, USA	Articulated open ring
	Dt : 09/01/2004	Dt : 10/07/2002				
51	00051/CHENP/2004	PCT/US02/19121	Nos. 60/298, 147, 09/942, 884; 10/155, 474	United States of America	Eksigent technologies, LLC., USA	Flow control systems
	Dt : 09/01/2004	Dt : 13/06/2002				
52	00052/CHENP/2004	PCT/US02/20333	No. 60/303, 940	United States of America	Becton, Dickinson and company, USA	Needle shield assembly having hinged needle shield and flexible cannula lock
	Dt : 09/01/2004	Dt : 27/08/2002				
53	00053/CHENP/2004	PCT/EP02/05678	No. 201-11 443.7	Germany	Mausser - Werke GmbH & Co. KG, Germany	Method and device for the production of blown hollow bodies
	Dt : 09/01/2004	Dt : 07/06/2002				

54	00054/CHENP/2004	PCT/IB02/02688	No. 01810692.2	British Virgin Isles.	Clarinat Finance (BVI) Limited, British Virgin Islands	Textile fibre degreasing agents, their production and their use
	Dt : 09/01/2004	Dt : 09/07/2002				
55	00055/CHENP/2004	PCT/EP02/06109	No. 0114265.2	Switzerland Cote d'Ivoire	Ciba speciality chemicals holding Inc., Switzerland	Polymeric material containing a latent acid
	Dt : 09/01/2004	Dt : 04/06/2002				
56	00056/CHENP/2004	PCT/EP02/06105	No. 0114266.0	Switzerland Cote d'Ivoire	Ciba speciality chemicals holding Inc., Switzerland	Laser marking method
	Dt : 09/01/2004	Dt : 04/06/2002				
57	00057/CHENP/2004	PCT/DK02/00485	No. PA 2001 01090	Denmark	Novozymes A/S., Denmark	Subtilase variants
	Dt : 09/01/2004	Dt : 11/07/2002				
58	00058/CHENP/2004	PCT/CA02/00895	Nos. 09/908, 298; 09/971, 068	Canada	Transition therapeutics Inc., Canada	combination therapies using Vitamin B12 and therapeutic agents for treatment of viral, proliferative and inflammatory diseases
	Dt : 09/01/2004	Dt : 11/06/2002				
59	00059/CHENP/2004	PCT/CA02/00896	Nos. 09/908, 298; 09/971, 068	Canada	Transition Therapeutics Inc., Canada	Combination therapies using vitamin B12 and interferon for treatment of viral, proliferative and inflammatory diseases
	Dt : 09/01/2004	Dt : 11/06/2002				
60	00060/CHENP/2004	PCT/SE02/01063	No. 0102450 - 4	Sweden	Alfa laval corporate AB, Sweden	Heat transfer plate, plate pack and plate heat exchanger
	Dt : 09/01/2004	Dt : 04/06/2002				
61	00061/CHENP/2004	PCT/SE02/01062	No. 0102451.2	Sweden	Alfa laval corporate AB, Sweden	Heat transfer plate, plate pack and plate heat exchanger
	Dt : 09/01/2004	Dt : 04/06/2002				

62	00062/CHENP/2004	PCT/FI02/00630	No. 09/902, 789	Finland	Biotie therapies corporation, Finland	Carbocyclic hydraizing inhibitors of copper - containing amine oxidases
	Dt : 12/01/2004	Dt : 11/07/2002				
63	00063/CHENP/2004	PCT/JP02/05995	No. 2001 - 212714	Switzerland	Midrex International B.V., Switzerland	Method for producing metallic iron
	Dt : 12/01/2004	Dt : 17/06/2002				
64	00064/CHENP/2004	PCT/US02/21932	No. 09/904, 325	United States of America	Qualcomm Incorporated, USA	Modified finger assignment algorithm for CDMA - systems
	Dt : 12/01/2004	Dt : 12/07/2002				
65	00065/CHENP/2004	PCT/US02/21930	No. 09/905, 508	United States of America	Qualcomm Incorporated, USA	Group call service with efficient transmission of voice packets on a CDMA radio link
	Dt : 12/01/2004	Dt : 12/07/2002				
66	00066/CHENP/2004	PCT/US02/21931	No. 09/905, 007	United States of America	Qualcomm Incorporated, USA	System and method for paging for voice over IP
	Dt : 12/01/2004	Dt : 12/07/2002				
67	00067/CHENP/2004	PCT/EP02/07747	No. 01116987.7	Switzerland	Tetra Laval Holdings & Finance S.A., Switzerland	Gable - top package for pourable food products
	Dt : 12/01/2004	Dt : 11/07/2002				
68	00068/CHENP/2004	PCT/US02/21814	Nos. 60/304, 735; 60/334, 675; 410/071, 928	United States of America	Qualcomm Incorporated, USA	System and method for automatic determination of azimuthal and elevation direction of directional antennas and calibration thereof
	Dt : 12/01/2004	Dt : 09/07/2002				
69	00069/CHENP/2004	PCT/NL02/00450	Nos. 1018525, 1019622	Netherlands	DSM IP Assets B.V., Netherlands	Process for the preparation of 2, 4 - dideoxyhexoses and 2, 4, 6 - triideoxyhexoses
	Dt : 12/01/2004	Dt : 09/07/2002				

70	00070/CHENP/2004	PCT/US02/18748	60/298, 172	Neherlands	Genmab A/S, Denmark	Human monoclonal antibodies to epidermal growth factor receptor (EGFR)
	Dt: 12/01/2004	Dt: 13/06/2002				
71	00071/CHENP/2004	PCT/US02/22747	No. 60/305, 284	United States of America	ZymoGenetics, Inc., USA	Use of corticotroph - derived glycoprotein hormone to induce lipolysis
	Dt: 12/01/2004	Dt: 15/07/2002				
72	00072/CHENP/2004	PCT/US02/21933	No. 09/905, 507	United States of America	Qualcomm Incorporated, USA	Method and system for improving battery performance in broadcast paging
	Dt: 12/01/2004	Dt: 12/07/2002				
73	00073/CHENP/2004	PCT/EP02/05908	No. 01114459.9	Italy	Basell Poliolefine Italia S.p.A., Italy	Process for cross - linking elastomer thermoplastic polyolefin compositions
	Dt: 12/01/2004	Dt: 29/05/2002				
74	00074/CHENP/2004	PCT/GB02/02649	No. 0114406.2	Great Britain	Oliver Crispin Robotics Limited, Great Britain	Link assembly for a snake like robot arm
	Dt: 13/01/2004	Dt: 12/06/2002				
75	00075/CHENP/2004	PCT/EP02/04995	No. 101 34 073.7	Germany	Zimmer Aktiengesellschaft, Germany	Method for winding of filaments
	Dt: 13/01/2004	Dt: 07/05/2002				
76	00076/CHENP/2004	PCT/EP02/05591	No. 60/298, 217	Germany	BASF Corporation, USA & BASF Aktiengesellschaft, Germany	Light - stabilized polymeric articles and methods of making the same
	Dt: 13/01/2004	Dt: 22/05/2002				
77	00077/CHENP/2004	PCT/EP02/07718	No. 101 34 327.2	Germany	Degussa AG, Germany	Antioxidants for polyamides
	Dt: 13/01/2004	Dt: 11/07/2002				



78	00078/CHENP/2004	PCT/US02/18549	No. 09/880, 842	United States of America	A & G Pharmaceuticals, Inc., USA	Methods and kits for diagnosing tumorigenicity and determining resistance to the antineoplastic effects of antiestrogen therapy
	Dt : 13/01/2004	Dt : 14/06/2002				
79	00079/CHENP/2004	PCT/IT02/00446	No. FI 2001 A 000135	Italy	Guachierani textile automation S.P.A., Italy	Wrapping device in a press for forming bales of textile material
	Dt : 13/01/2004	Dt : 08/07/2002				
80	00080/CHENP/2004	PCT/GB02/02761	No. 0114834.5	United Kingdom	Statefresh Limited, United Kingdom	A method of and apparatus for affixing backing to plates
	Dt : 14/01/2004	Dt : 18/06/2002				
81	00081/CHENP/2004	PCT/JP02/07234	Nos. 2001 - 215816; 2001 - 392174; 2002 - 46657	Japan	Nishiham, Naoki., Japan	Denture base and method of preparing it and instrument used thereof
	Dt : 14/01/2004	Dt : 16/07/2002				
82	00082/CHENP/2004	PCT/EP02/06193	No. 101 29 231.7	Germany	BASF Aktiengesellschaft, Germany	Stabilized thermoplastic molding compositions
	Dt : 14/01/2004	Dt : 06/06/2002				
83	00083/CHENP/2004	PCT/JP02/05678	No. 2001 - 185128	Japan	Honda Motor Co., Ltd., Japan	sd1 gene involved in plant semidwarfing and uses thereof
	Dt : 14/01/2004	Dt : 07/06/2002				
84	00084/CHENP/2004	PCT/US02/20578	No. 09/906, 487	United States of America	International Engine Intellectual Property Company, USA	Control strategy for turbocharged engine having variable valve actuation apparatus
	Dt : 14/01/2004	Dt : 27/06/2002				
85	00085/CHENP/2004	PCT/GB02/02698	Nos. 0114790.9; 0202788.6	United States of America	Reckitt Benckiser Inc., United States of America	Rodent bait station
	Dt : 14/01/2004	Dt : 10/06/2002				

86	00086/CHENP/2004	PCT/SE02/01200	Nos. 0102217 - 7; 60/354, 290	Sweden	FAGER, Jan, G., Sweden; JACOBSON, Klas, Sweden	A device and a method for creating an environment for a creature
	Dt: 16/01/2004	Dt: 18/06/2002				
87	00087/CHENP/2004	PCT/BR02/00099	Nos. PI 0103887; CI 0103887	Brazil	Universidade Federal De Minas Gerais, Brazil; Celio Lopes Silva, Brazil	Immunogenic compositions containing antigens, gene vectors and adjuvants in biodegradable microspheres
	Dt: 16/01/2004	Dt: 17/07/2002				
88	00088/CHENP/2004	PCT/EP02/08020	Nos. 60/306, 559; 60/306, 560; 60/306, 571	Switzerland Cote d'Ivoire	Novartis AG, Switzerland	Combinations comprising epoithilones and pharmaceutical uses thereof
	Dt: 16/01/2004	Dt: 18/07/2002				
89	00089/CHENP/2004	PCT/GB02/02726	Nos. 0114866.7; 60/302, 501	Great Britain	Securivox Ltd., Great Britain	Speaker recognition system
	Dt: 16/01/2004	Dt: 13/06/2002				
90	00090/CHENP/2004	PCT/EP02/08020	Nos. 60/306, 559; 60/306, 560; 60/306, 571	Switzerland Cote d'Ivoire	Novartis AG, Switzerland	Combinations comprising epoithilones and pharmaceutical uses thereof
	Dt: 16/01/2004	Dt: 18/07/2002				
91	00091/CHENP/2004	PCT/US02/22788	No. 09/907, 096	United States of America	Qualcomm Incorporated, USA	Frequency discriminator
	Dt: 16/01/2004	Dt: 16/07/2002				
92	00092/CHENP/2004	PCT/US02/22820	Nos. 60/305, 968; 09/954, 760	United States of America	Qualcomm Incorporated, USA	Logarithmic lookup tables
	Dt: 16/01/2004	Dt: 16/07/2002				
93	00093/CHENP/2004	PCT/US02/22789	Nos. 60/305, 987; 09/972, 514	United States of America	Qualcomm Incorporated, USA	Method and apparatus for acquiring and tracking pilots in a CDMA communication system
	Dt: 16/01/2004	Dt: 16/07/2002				

94	00094/CHENP/2004	PCT/EP02/08022	No. 10135296.4	Germany	BASF Aktiengesellschaft, Germany	Process for the preparation of propylene oxide
	Dt : 16/01/2004	Dt : 18/07/2002				
95	00095/CHENP/2004	A61 K 35/78		India	Gokaraju, Ganga, Raju, Andhra Pradesh; Gottumukkala, Venkata, Subbaraju, Andhra Pradesh; Golakoti, Trimurtulu, Andhra Pradesh; Pratha, Sridhar, Andhra Pradesh	A process for producing a fraction enriched upto 100% of 3 - o - acetyl - 11 - keto - beta - boswellic acid from an extract containing a mixture of boswellic acids
	Dt : 16/01/2004	Dt : 01/01/1900				
96	00096/CHENP/2004	PCT/EP02/07289	Nos. 09/907, 947; 60/357, 642	Italy	Pharmacia Italia S.p.A., Italy	Phenylacetamido - thiazole derivatives, process for their preparation and their use as antitumor agents
	Dt : 16/01/2004	Dt : 02/07/2002				
97	00097/CHENP/2004	PCT/NZ02/00115		New Zealand	M/S. Dexcel Limited, Corner of Ruakara and Morrinsville Roads, Hamilton, New Zealand	Selection system and method for milking animals
	Dt : 19/01/2004	Dt : 21/06/2002				
98	00098/CHENP/2004	WO03/008025		Taiwan	Liao, Chin - Fu, 4F1, Jungyi St., Shilin Chiu, Taipei, Taiwan, China	Automatically retractable safety syringe
	Dt : 19/01/2004	Dt : 20/07/2001				
99	00099/CHENP/2004	PCT/EP02/07931	No. 01117410.9	Switzerland Cote d'Ivoire	F. Hoffmann - La Roche AG, Switzerland	Dolastatin 10 derivatives
	Dt : 19/01/2004	Dt : 17/07/2002				
100	00100/CHENP/2004	PCT/EP02/08095	Nos. 0117760.9; 0128993.3; 0212209.1	Switzerland Cote d'Ivoire	Novartis AG, Switzerland	Pharmaceutical compositions and use thereof
	Dt : 19/01/2004	Dt : 19/07/2002				

101	00101/CHENP/2004	PCT/DK02/00505	No. PA 2001 01127	Switzerland Cote d'Ivoire	Novo Nordisk Health Care AG, Switzerland	Pharmaceutical composition comprising factor VII polypeptides and factor XI polypeptides
	Dt : 19/01/2004	Dt : 19/07/2002				
102	00102/CHENP/2004	PCT/US02/23208	Nos. 60/306, 434; 0125704.7	United States of America	Aventis pharmaceuticals, Inc., USA	A novel G - protein - coupled receptor, gives
	Dt : 19/01/2004	Dt : 19/07/2002				
103	00103/CHENP/2004	PCT/EP01/06925	-	Finland	Nokia Corporation, Finland	Method and system for load sharing between a plurality of cells in a radio network system
	Dt : 19/01/2004	Dt : 19/06/2001				
104	00104/CHENP/2004	PCT/US02/22863	Nos. 60/306, 754; 10/199, 899	United States of America	Qualcomm Incorporated, USA	A system and method for decoding digital image, and audio data in a loss less manner
	Dt : 19/01/2004	Dt : 19/07/2002				
105	00105/CHENP/2004	PCT/IL02/00600	No. 60/306, 144	Israel	Yissium Research Development company, Israel	Polypeptides having arotenoids isomerase catalytic activity, nucleic acids encoding same and uses thereof
	Dt : 19/01/2004	Dt : 18/07/2002				
106	00106/CHENP/2004	PCT/NL02/00489	-	Netherlands	Solar Dew B.V., Netherlands	Regenerative membrane purification device
	Dt : 19/01/2004	Dt : 19/07/2002				
107	00107/CHENP/2004	PCT/NL02/00405	-	Netherlands	LECHNER, Timotheus Joan Marie & others, 47, Haydnpark, 5151 LT DRUNEN, The Netherlands	Device and method for locating an anatomical cavity in a body
	Dt : 20/01/2004	Dt : 20/06/2002				
108	00108/CHENP/2004	PCT/EP02/07044	Nos. 101 35 547.5; 101 41 928.7	Germany	Aloys Wobben, Germany	Process for the in SITU construction of a wind power installation
	Dt : 20/01/2004	Dt : 26/06/2002				

109	00109/CHENP/2004	PCT/US02/18928	Nos. 60/299, 656; 09/993, 155	United States of America	Federal - Mogul Powertrain, Inc., USA	Extendible drain members for grounding RFI/EMI shielding
	Dt : 20/01/2004	Dt : 13/06/2002				
110	00110/CHENP/2004	PCT/JP03/06196	Nos. 2002 - 147897; 2002 - 288151	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan; Nozaki Insatsu Shigyo Co., Ltd., Japan	Label, a method for its use, and a method and apparatus for affixing the label
	Dt : 20/01/2004	Dt : 19/05/2003				
111	00111/CHENP/2004	PCT/US02/23264	No. 60/307, 302	United States of America	Zymogenetics, Inc, USA	Fermentation medium and method
	Dt : 20/01/2004	Dt : 23/07/2002				
112	00112/CHENP/2004	PCT/FI02/00643	Nos. 20011560; 60/306, 449	Finland	Oy Juvantia Pharma Ltd., Finland	Compounds useful for treatment or prevention of disease mediated by alpha - 2B - adrenoceptor
	Dt : 20/01/2004	Dt : 22/07/2002				
113	00113/CHENP/2004	PCT/JP02/04965	No. 2001 - 186520	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	System, method and program for management of rebuilt parts of vehicles
	Dt : 20/01/2004	Dt : 22/05/2002				
114	00114/CHENP/2004	PCT/NL02/00488	No. 10-8607	Netherlands	Friesland Brands B.V., Netherlands	Moisture barrier in foods
	Dt : 20/01/2004	Dt : 19/07/2002				
115	00115/CHENP/2004	PCT/NL02/00496	Nos. 012C2794.2; 01202795.9	Netherlands	Campina B.V., Netherlands; Numico Research B.V., Netherlands	Process for obtaining fractions containing beneficial compounds from milk products
	Dt : 20/01/2004	Dt : 22/07/2002				
116	00116/CHENP/2004	PCT/EP02/06845	No. 10130389.0	Germany	BARMAG AG, Germany	False twist texturing machine
	Dt : 21/01/2004	Dt : 20/06/2002				

117	00117/CHENP/2004	PCT/US02/19837	Nos. 0115346.9; 0125776.5	United States of America	Paperless interactive newspaper. LLC., USA	Multimedia broadcasting, broadcast services for cell phone and other users and modified sim card for enabling broadcast reception
	Dt : 21/01/2004	Dt : 24/06/2002				
118	00118/CHENP/2004	PCT/EP03/05245	No. 102 23 290.3	Netherlands	Mayfran international B.V., Netherlands	Device for receiving and separating chips created by machine - tools and coolant (Drive)
	Dt : 21/01/2004	Dt : 19/05/2003				
119	00119/CHENP/2004	PCT/EP03/05244	No. 102 23 294.6	Netherlands	Mayfran International B.V., Netherlands	Device for receiving and separating chips created by machine - tools and coolant (sealant)
	Dt : 21/01/2004	Dt : 19/05/2003				
120	00120/CHENP/2004	PCT/EP03/05243	No. 102 23 291.1	Netherlands	Mayfran International B.V., Netherlands	Device for receiving and separating chips created by machine - tools and coolant (overflow)
	Dt : 21/01/2004	Dt : 19/05/2003				
121	00121/CHENP/2004	PCT/IT01/00326	-	Italy	Rhea Vendors S.p.A., Italy	Door for closing the operative inner space of a drink distributing machine
	Dt : 21/01/2004	Dt : 21/06/2001				
122	00122/CHENP/2004	PCT/EP02/06486	No. 10129525.1	Germany	BASF Aktiengesellschaft, Germany	Multimodal polyamides, polyesters and polyester amides
	Dt : 21/01/2004	Dt : 13/06/2002				
123	00123/CHENP/2004	PCT/EP02/06548	No. 10129522.7	Germany	BASF Aktiengesellschaft, Germany	Polymer mixture
	Dt : 21/01/2004	Dt : 14/06/2002				

124	00124/CHENP/2004	PCT/JP02/06238	Nos. 2001 - 188032; 2001 - 262965	Japan	Nihon University, Japan; Institute of Tsukuba Liaison Co., Ltd., Japan	Vascular disease examining system and bypass vascular diagnosing device
	Dt : 21/01/2004	Dt : 21/06/2002				
125	00125/CHENP/2004	PCT/SE02/01351	No. 0102590 - 7	Netherlands	Akzo Nobel N.V., The Netherlands	A process for the manufacture of diethylenetriamine and higher polyethylenepolyamines
	Dt : 22/01/2004	Dt : 05/07/2002				
126	00126/CHENP/2004	PCT/US02/20803	No. 09/911, 266	United States of America	International Engine Intellectual Property Company, USA	Engine torque calculation
	Dt : 22/01/2004	Dt : 28/08/2002				
127	00127/CHENP/2004	PCT/US02/18191	No. 09/911, 242	United States of America	Irwin Industrial tool Company, USA	One hand pipe wrench
	Dt : 22/01/2004	Dt : 10/06/2002				
128	00128/CHENP/2004	PCT/NL02/00471	Nos. 01202822.1; 01202821.3	Netherlands	DSM IP Assets B.V., Netherlands	Nucleic acid sequences encoding enantioselective amidases
	Dt : 22/01/2004	Dt : 15/07/2002				
129	00129/CHENP/2004	PCT/US02/17162	Nos. 09/888, 011; 09/978, 862	United States of America	Omnifix profiles, Inc., USA	Drywall corner finishing device
	Dt : 22/01/2004	Dt : 31/05/2002				
130	00130/CHENP/2004	PCT/JP02/06163	No. 2001 - 189894	Japan	Mitsubishi Rayon Co., Ltd., Japan	Method for producing compound by regulating reaction temperature and using biocatalyst
	Dt : 22/01/2004	Dt : 20/06/2002				
131	00131/CHENP/2004	PCT/JP01/05371		Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	Frame structure in motorcycle
	Dt : 22/01/2004	Dt : 22/06/2001				

132	00132/CHENP/2004	PCT/US02/21508	Nos. 09/911, 058; 10/143, 478	United States of America	Flexsys America L.P., USA	Process for preparing 4- aminodiphenylamines
	Dt: 22/01/2004	Dt: 09/07/2002				
133	00133/CHENP/2004	PCT/JP01/05372		Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	Luggage containing structure in motorcycle
	Dt: 22/01/2004	Dt: 22/06/2001				
134	00134/CHENP/2004	PCT/US01/41389		United States of America	FABLES, Wylic, USA & PARK, Jore, USA	Computer processing and programming method using autonomous data
	Dt: 23/01/2004	Dt: 23/07/2001				
135	00135/CHENP/2004	PCT/JP02/07634	Nos. 2001 - 226568; 2001 - 310547	Japan	Ajinomoto Co., Inc., Japan	Method for producing dipeptides
	Dt: 23/01/2004	Dt: 26/07/2002				
136	00136/CHENP/2004	PCT/JP02/07635	Nos. 2001 - 226568; 2001 - 310547	Japan	Ajinomoto Co., Inc., Japan	Peptide - forming enzyme gene, peptide - forming enzyme, and dipeptide producing method
	Dt: 23/01/2004	Dt: 26/07/2002				
137	00137/CHENP/2004	PCT/EP02/07018	No. 101 30 022.0	Germany	PFISTER GmbH, Germany	Chain conveyor in the form of scales
	Dt: 23/01/2004	Dt: 25/06/2002				
138	00138/CHENP/2004	PCT/US02/23552	No. 60/308, 433	United States of America	Schering Corporation, USA	Substituted urea neuropeptide YY5 receptor antagonists
	Dt: 23/01/2004	Dt: 24/07/2002				
139	00139/CHENP/2004	Dt: 01/01/1900	No. 1018624	Netherlands	DSM IP Assets B.V., Netherlands	Method for obtaining an ammonium carbamate solution from a gas mixture containing NH3, H2O and CO2
	Dt: 23/01/2004					



140	00140/CHENP/2004	PCT/IB02/02758	Nos. 09/911, 356; 10/098, 167	Luxembourg	FOS HOLDINGS S.A., Luxembourg	Device for separating the epithelium layer from the surface of the cornea of an eye
	Dt : 23/01/2004	Dt : 12/07/2002				
141	00141/CHENP/2004	PCT/EP02/08075	No. 01306379.7	United States of America	Crown Cork & Seal Technologies Corporation, USA	Container beading
	Dt : 23/01/2004	Dt : 17/07/2002				
142	00142/CHENP/2004	PCT/DK02/00426	No. PA 2001 00991	Denmark	H. Lundbeck A/S., Denmark	Process for the preparation of racemic citalopram and/or S - or R - Citalopram by separation of a mixture of R- and S - citalopram
	Dt : 23/01/2004	Dt : 25/06/2002				Combustion chamber
143	00143/CHENP/2004	PCT/US02/22785	Nos. 09/911, 265; 09/922, 972	United States of America	International Engine Intellectual Property Company, USA	
	Dt : 23/01/2004	Dt : 18/07/2002				
144	00144/CHENP/2004	PCT/US02/23417	No. 09/911, 902	United States of America	Network Appliance, Inc., USA	High - availability file server
	Dt : 23/01/2004	Dt : 22/07/2002				
145	00145/CHENP/2004	PCT/IB02/03534	Nos. 60/301, 818; PA 2001 00992	Denmark	BUADBO ApS, Denmark	Oncology drug innovation
	Dt : 23/01/2004	Dt : 19/06/2002				
146	00146/CHENP/2004	PCT/US02/23486	No. 60/307, 534	United States of America	Leopard Logic, Inc., USA	Hierarchical multiplexer - based integrated circuit interconnect architecture for scalability and automatic generation
	Dt : 23/01/2004	Dt : 24/07/2002				System and method for collecting video data
147	00147/CHENP/2004	PCT/IL02/00508	No. 60/300, 463	Israel	Nice Systems Ltd., Israel	
	Dt : 23/01/2004	Dt : 25/06/2002				

148	00148/CHENP/2004	PCT/DK02/00502	No. PA 2001 01141	Denmark	Novo Nordisk A/S, Denmark	Method for making acylated polypeptides
	Dt: 23/01/2004	Dt: 18/07/2002				
149	00149/CHENP/2004	PCT/US02/23484	No. 60/307, 154	United States of America	Radispandex corporation, USA	Improved spandex compositions
	Dt: 23/01/2004	Dt: 24/07/2002				
150	00150/CHENP/2004	PCT/JP02/11880	No. 2001 - 350063	Japan	EBARA CORPORATION, Japan	Anaerobic treatment apparatus
	Dt: 23/01/2004	Dt: 14/11/2002				
151	00151/CHENP/2004	PCT/IL02/00574	No. 144581	Israel	Freedman, Shimon, Israel; LIPSICAS, Leon, Israel	Stable ready - to - use dosage forms containing colouring matter and active chlorine, and methods of making and using the same as disinfectants
	Dt: 23/01/2004	Dt: 16/07/2002				
152	00152/CHENP/2004	PCT/US02/23916	No. 09/917, 036	United States of America	Qualcomm Incorporated, USA	Noise gain control
	Dt: 23/01/2004	Dt: 25/07/2002				
153	00153/CHENP/2004	PCT/US02/23911	No. 09/918, 770	United States of America	Qualcomm Incorporated, USA	Method and apparatus for combined spatial and temporal signal equalization in a communication system with multiple receiver antennas
	Dt: 27/01/2004	Dt: 25/07/2002				
154	00154/CHENP/2004	PCT/US02/23917	No. 09/919, 626	United States of America	Qualcomm Incorporated, USA	System and method of estimating earliest arrival of CDMA forward link signals
	Dt: 27/01/2004	Dt: 25/07/2002				

155	00155/CHENP/2004	PCT/US01/30969	No. 09/917, 417	United States of America	Terralog Technologies USA, Inc, USA; Terralog Technologies INC., Canada	Method for biosolid disposal and methane generation
	Dt : 27/01/2004	Dt : 02/01/2001				
156	00156/CHENP/2004	PCT/US02/15888	No. 60/308, 380	United States of America	Becton, Dickinson and Company, USA	Luer connector assembly
	Dt : 27/01/2004	Dt : 21/05/2002				
157	00157/CHENP/2004	PCT/EP02/08436	No. 101 37 443.7	Germany	Bombardier Transportation GmbH, Germany	Method and device for active radial control of wheel pairs or wheel sets on vehicles
	Dt : 27/01/2004	Dt : 29/07/2002				
158	00158/CHENP/2004	PCT/US02/22155	Nos. 09/894, 861; 10/083, 300	United States of America	ZMS, L.C., USA	Biomedical molding materials from semi-solid precursors
	Dt : 27/01/2004	Dt : 26/06/2002				
159	00159/CHENP/2004	PCT/EP02/07915	No. 101 36 484.9	Germany	UHDE GmbH, Germany	Process for removing gas components from technical gases by low-temperature scrubbing with the aid of ethylene glycol dimethyl ether
	Dt : 27/01/2004	Dt : 17/07/2002				
160	00160/CHENP/2004	PCT/IL01/00587	-	United States of America	Radiancy, INC., USA	Acne treatment
	Dt : 27/01/2004	Dt : 27/06/2001				
161	00161/CHENP/2004	PCT/EP02/03880	No. 01202876.7	Italy	Basell Poliolefine Italia S.p.A., Italy	Soft polyolefin compositions
	Dt : 27/01/2004	Dt : 08/04/2002				
162	00162/CHENP/2004	PCT/SE02/01302	01023369-9,60/301,480	Sweden	BIOVITRUM AB, Sweden	Process for Bulk Autoclaving
	Dt : 28/01/2004	Dt : 28/08/2002				

163	00163/CHENP/2004	PCT/US02/18433	09/896,082	United States of America	Virginia Tech Intellectual Properties, Inc., USA	Amine Compounds and Curable compositions derived therefrom
	Dt : 28/01/2004	Dt : 11/06/2002				
164	00164/CHENP/2004	PCT/EP02/06848	01810634.4	Switzerland	Ciba speciality chemicals holding inc., Switzerland	Additive Functionalized organophilic Nano-Scaled Fillers
	Dt : 28/01/2004	Dt : 20/06/2002				
165	00165/CHENP/2004	PCT/DK02/00444	PA 2001 01040, PA 2001 01277, PA 2002 00257	Denmark	Maxygen Aps of Agern Alle 1, Denmark; Maxygen Holdings Ltd., West Indies	Interferon Formulations
	Dt : 28/01/2004	Dt : 28/06/2002				
166	00166/CHENP/2004	PCT/IB02/02950	01830510.2	Italy	CLARIANT LIFE SCIENCE MOLECULES (ITALIA), Italy	Process for the preparation of Ribavirin
	Dt : 28/01/2004	Dt : 29/07/2002				
167	00167/CHENP/2004	PCT/FI02/00583	20011424	Finland	NOKIA CORPORATION, Finland	Base Station Resource Management and a base station
	Dt : 28/01/2004	Dt : 01/07/2002				
168	00168/CHENP/2004	PCT/EP02/06634	0115902.9, 0116309.6	Great Britain	Ciba speciality chemicals Water Treatments Limited, Great Britain	Novel Polymer Composition
	Dt : 28/01/2004	Dt : 17/06/2002				
169	00169/CHENP/2004	PCT/DK02/00435	No. PA 2001 01036	Denmark	H. Lundbeck A/S., Denmark	Novel heteroaryl derivatives, their preparation and use
	Dt : 28/01/2004	Dt : 27/06/2002				
170	00170/CHENP/2004	PCT/AU02/00863	No. PR 6022	Australia	Biorex Health Limited, Australia	Flavonoid concentrates
	Dt : 28/01/2004	Dt : 01/07/2002				
171	00171/CHENP/2004	PCT/EP02/06844	No. 101 31 365.9	Germany	Barmag AG, Germany	False twist texturing machine
	Dt : 28/01/2004	Dt : 20/06/2002				

172	00172/CHENP/2004	PCT/EP02/07030	No. 101 31 369.1	Germany	SMS Demag AG, Germany	Method and equipment for cooling and lubricating rolls of a rolling stand
	Dt : 28/01/2004	Dt : 25/06/2002				
173	00173/CHENP/2004	PCT/DK02/00436	No. PA 2001 01037	Denmark	H. Lundbeck A/S., Denmark	Novel indole derivatives
	Dt : 28/01/2004	Dt : 27/06/2002				
174	00174/CHENP/2004	PCT/EP02/08127	01118246.6	Netherlands	DSM IP ASSETS B.V., THE NETHERLANDS	Composition for epigallocatechin gallate
	Dt : 29/01/2004	Dt : 22/07/2002				
175	00175/CHENP/2004	PCT/EP02/06504	No. 101 31 815.4	Germany	BARMAG AG, Germany	Texturing Machine
	Dt : 29/01/2004	Dt : 13/08/2002				
176	00176/CHENP/2004	PCT/IB02/02986	1423/01	British Virgin Isles.	CLARIANT FINANCE (BVI) LIMITED, BRITISH VIRGIN ISLANDS	Novel Formazan Reactive Dyes
	Dt : 29/01/2004	Dt : 29/07/2002				
177	00177/CHENP/2004	PCT/EP02/08330	01830510.2	Italy	CLARIANT LIFE SCIENCE MOLECULES (ITALIA), Italy	Process for the preparation of L- Riboflavin
	Dt : 29/01/2004	Dt : 25/07/2002				
178	00178/CHENP/2004	PCT/DK02/00471	PA 2001 01154	Denmark	NOVO NORDISK A/S DENMARK	Novel vinyl carboxylic acid derivatives and their use as antibiotics etc.,
	Dt : 29/01/2004	Dt : 05/07/2002				
179	00179/CHENP/2004	PCT/EP02/06356	101 31 850.2	Germany	SMS DEMAG AG, Germany	Thin-Strip cooler comprising a flanges measuring foil
	Dt : 29/01/2004	Dt : 14/08/2002				
180	00180/CHENP/2004	PCT/JP01/09329		Japan	HONDA GIKEN KOGYO KABUSHIKI KAISHA, Japan	Rear combination lamp for motorcycle
	Dt : 29/01/2004	Dt : 24/10/2001				

181	00181/CHENP/2004	PCT/IE02/00113	S2001/0724	Ireland	University College Dublin, Ireland	Data Processing System and Method
	Dt: 29/01/2004	Dt: 30/07/2002				
182	00182/CHENP/2004	PCT/EP02/04316	101 32 214.3	Germany	Zimmer Aktiengesellschaft, Germany	Method and device for treating a fibre mass
	Dt: 29/01/2004	Dt: 18/04/2002				
183	00183/CHENP/2004	PCT/US02/20382	60/302, 450; 60/357,884	United States of America	David Bach, T, U.S.A., Muniswamappa, A. U.S.A., Gayathri Ragavan, U.S.A., Tao Song, U.S.A., Aloys Wobben, Germany	Precision Fluid Dispensing System
	Dt: 29/01/2004	Dt: 26/05/2002				
184	00184/CHENP/2004	PCT/EP02/07043	101 37 272.8	Germany		Early-Warning system for wind power installations
	Dt: 30/01/2004	Dt: 26/06/2002				
185	00185/CHENP/2004	PCT/US02/24417	09/921 513	United States of America	Qualcomm Incorporated, U.S.A.	Joint Synchronization and modification of the coefficients of an adaptive equalizer for a cdma receiver
	Dt: 30/01/2004	Dt: 31/07/2002				
186	00186/CHENP/2004	PCT/US02/24045	No. 10010, 540; 60/308, 915	Netherlands	Prad Research and Development N.V., Netherlands Antilles	Construction and maintenance of scenographs for interactive feature-based geoscience geometri modeling
	Dt: 30/01/2004	Dt: 23/07/2002				
187	00187/CHENP/2004	PCT/EP02/07538	No. 01202901.3	Netherlands	Resolution Research Nederland B.V., The Netherlands	Manufacturing process for the preparation of Branched alkane carboxylic acids providing esters with an improved softness
	Dt: 30/01/2004	Dt: 02/07/2002				

188	00188/CHENP/2004 Dt : 30/01/2004	Dt : 01/01/1900	No.01118412.4	Switzerland Cote d'Ivoire	F.Hoffmann - La Roche AG, Switzerland	2-(3,5 - Bis- trifluoromethyl-phenyl)- N-(6-(1,1-dioxo-1gamma 6- thiomorpholin-4-Y)-4- (2-Methyl or 4-fluoro-2- methyl substituted) Phenyl-pyridin -3-YL)-n- methyl-isobutyramide Wind power installation with ring generator
189	00189/CHENP/2004 Dt : 30/01/2004	PCT/EP02/07045 Dt : 26/06/2002	Nos. 10137270.1, 101450148.4	Germany	Aloys Wobben, Germany	Preparation of propylene oxide.
190	00190/CHENP/2004 Dt : 30/01/2004	PCT/EP02/08487 Dt : 30/07/2002	10137543.3	Germany	Basf Aktiengesellschaft, Germany	New Assays for preimplantation factor and preimplantation factor peptides
191	00191/CHENP/2004 Dt : 30/01/2004	PCT/US02/20599 Dt : 28/06/2002	No.60/302, 607	United States of America	Bioccept, LLC, USA	Novel imidazolidine derivatives, their preparation and their use as Vla-4 antagonists
192	00192/CHENP/2004 Dt : 30/01/2004	PCT/EP02/08106 Dt : 20/07/2002	No.10137595.6	Germany	Aventis Pharma Deutschland GmbH, Germany	Process for producing pyridine compound
193	00193/CHENP/2004 Dt : 30/01/2004	PCT/JP02/07793 Dt : 31/07/2002	No.2001-234650; 2002-088577	Japan	Sumitomo Chemical Company Limited, Japan	Monovinylidene aromatic polymers based on highly linear high molecular weight polybutadiene rubbers and a process for their preparation
194	00194/CHENP/2004 Dt : 30/01/2004	PCT/US02/21189 Dt : 03/07/2002	No. 60/309, 725	United States of America	Dow Global Technologies, USA	

195	00195/CHENP/2004	PCT/US02/20814	No. 09/897, 208	United States of America	TETRON, INC., USA	Method and apparatus for metal pouring
	Dt : 30/01/2004	Dt : 28/06/2002				
196	00196/CHENP/2004	PCT/EP02/08230	No. 101 37 177.2	Germany	Henkel Kommanditgesellschaft Auf Aktien, Germany; Laeis Bucher GMBH, Germany	Factory mortar
	Dt : 30/01/2004	Dt : 24/07/2002				
197	00197/CHENP/2004	PCT/US02/26319	Nos. 60/312, 726; 10/032, 376; 10/153, 185	United States of America	Kimberly - Clark Worldwide, Inc., USA	Anti - cancer and wound healing compounds
	Dt : 30/01/2004	Dt : 15/08/2002				
198	00198/CHENP/2004	PCT/US02/20836	No. 09/898, 616	United States of America	Claragen, Inc., USA	Methods for the production of purified recombinant human uteroglobin for the treatment of inflammatory and fibrotic conditions
	Dt : 30/01/2004	Dt : 02/07/2002				
199	00199/CHENP/2004	PCT/JP02/07743	No. 2001 - 235623	Japan	Mikuni Corporation, Japan	Engine control device, electronic control unit, electronic control unit case and throttle position sensor
	Dt : 30/01/2004	Dt : 30/07/2002				
200	00200/CHENP/2004	PCT/GB02/03436	No. 09/921, 062	United States of America	International Business Machines Corporation, USA	EMI shielding for electronic packages
	Dt : 30/01/2004	Dt : 26/07/2002				
201	00201/CHENP/2004	PCT/GB02/03418	No. 0118861.4	United States of America	International Business Machines Corporation, USA	A device for preventing cable damage during installation
	Dt : 30/01/2004	Dt : 26/07/2002				
202	00202/CHENP/2004	PCT/GB02/03449	No. 09/919, 730	United States of America	International Business Machines Corporation, USA	Messaging systems
	Dt : 30/01/2004	Dt : 26/07/2002				



203	00203/CHENP/2004	PCT/CH02/00406	No. 01810750.8	Switzerland Cote d'Ivoire	Inventio AG, Switzerland	Lift installation with a measuring system for determining absolute cage position
	Dt : 30/01/2004	Dt : 22/07/2002				
204	00204/CHENP/2004	PCT/EP02/08529	No. 101 37 171.3	Germany	Stockhausen GmbH & Co. KG, Germany	Method for producing cellulose shaped bodies with super absorbent properties
	Dt : 30/01/2004	Dt : 31/07/2002				
205	00205/CHENP/2004	PCT/US02/24457	No. 09/922, 527	United States of America	3M Innovative properties company, USA	AL2 O3 - Rare earth oxide - ZrO2/HfO2 materials, and methods of making and using the same
	Dt : 30/01/2004	Dt : 02/08/2002				
206	00206/CHENP/2004	PCT/US02/24456	Nos. 09/922, 530; 09/922, 526; 09/922, 527; 09/922, 528	United States of America	3M Innovative properties company, USA	Abrasive particles and methods of making and using the same
	Dt : 30/01/2004	Dt : 02/08/2002				
207	00207/CHENP/2004	PCT/US02/24658	No. 09/922, 530	United States of America	3M Innovative properties company, USA	AL2O3 - Y2O3-ZrO2/HfO2 materials, and methods of making and using the same
	Dt : 30/01/2004	Dt : 02/08/2002				
208	00208/CHENP/2004	PCT/US02/24491	Nos. 09/922, 530; 09/922, 526; 09/922, 527; 09/922, 528	United States of America	3M Innovative properties company, USA	Glass - ceramics
	Dt : 30/01/2004	Dt : 02/08/2002				
209	00209/CHENP/2004	PCT/US02/19959	No. 09/919, 595	United States of America	3M Innovative properties company, USA	High cohesive strength pressure sensitive adhesive foam
	Dt : 30/01/2004	Dt : 24/06/2002				
210	00210/CHENP/2004	PCT/US02/24523	No. 09/922, 526	United States of America	3M Innovative properties company, USA	Method of making ceramic articles
	Dt : 30/01/2004	Dt : 02/08/2002				

211. 00211/CHENP/2004	PCT/US02/24656	Nos. 09/922, 528; 09/922, 526; 09/922, 527; 09/922, 530	United States of America	3M Innovative properties company, USA	Method of making amorphous materials and ceramics
Dt : 30/01/2004	Dt : 02/08/2002				
212. 00212/CHENP/2004	PCT/US02/24657	Nos. 09/922, 526; 09/922, 527; 09/922, 528; 09/922, 530	United States of America	3M Innovative properties company, USA	Ceramic materials, abrasive particles, abrasive articles, and method of making and using the same
Dt : 30/01/2004	Dt : 02/08/2002				

**NATIONAL PHASE APPLICATIONS FILED FOR THE MONTH OF FEBRUARY-2004.**

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	00213/CHENP/2004 Dt : 03/02/2004	PCT/US02/24716 Dt : 02/08/2002	Nos. 60/310, 007; 60/381, 024	United States of America	Elisha Holding LLC., USA	An electroless process for treating metallic surfaces and products formed thereby	
2	00214/CHENP/2004 Dt : 03/02/2004	PCT/EP01/09640 Dt : 03/08/2001		Finland	Nokia Corporation, Finland	Method, system and terminal for data networks with distributed caches	
3	00215/CHENP/2004 Dt : 03/02/2004	PCT/US02/24323 Dt : 01/08/2002	Nos. 60/310, 013; 60/355, 510	United States of America	Schering Corporation, USA	Novel gamma secretase inhibitors	
4	00216/CHENP/2004 Dt : 03/02/2004	PCT/FR02/02508 Dt : 15/07/2002	No. 01/10427	France	Rhodia Polyamide Intermediates, France	Process for the oxidation of hydrocarbons to acids	
5	00217/CHENP/2004 Dt : 03/02/2004	PCT/DK02/00508 Dt : 22/07/2002	Nos. PA 2001 01175; 60/309, 953	Denmark	Novo Nordisk A/S., Denmark	Novel 2, 4 - diaminothiazole derivatives	
6	00218/CHENP/2004 Dt : 03/02/2004	PCT/US02/24678 Dt : 01/08/2002	Nos. 60/309, 836; 60/309, 837; 60/309, 854	United States of America	Peter Morton, USA	Compositions for removing metal ions from aqueous process solutions and methods of use thereof	
7	00219/CHENP/2004 Dt : 03/02/2004	PCT/CA02/01353 Dt : 03/09/2002	Nos. 60/316, 761; 60/387, 001	Canada	Neurochem (International) Limited, Canada	Amidine derivatives for treating amyloidosis	
8	00220/CHENP/2004 Dt : 03/02/2004	PCT/GB02/01368 Dt : 21/03/2002	No. 09/921, 868	United States of America	International Business Machines Corporation, USA	Managing server resources for hosted applications	

9	00221/CHENP/2004	PCT/JP01/09212		Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	Headlamp supporting structure for motorcycle
	Dt : 03/02/2004	Dt : 19/10/2001				
10	00222/CHENP/2004	PCT/IB02/03126	No. 01202946.8	Netherlands	Koninklijke Philips Electronics N.V., Netherlands	Method of and system for updating a document
	Dt : 03/02/2004	Dt : 18/07/2002				
11	00223/CHENP/2004	PCT/EB02/02802	No. 01202952.6	Netherlands	Koninklijke Philips Electronics N.V., Netherlands	Rewritable optical recording systems
	Dt : 03/02/2004	Dt : 03/07/2002				
12	00224/CHENP/2004	PCT/EP02/07285	No. 101 31 787.5	Germany	Basf Aktiengesellschaft, Germany	Preparation of a salt - free aqueous hydroxylamine solution
	Dt : 04/02/2004	Dt : 02/07/2002				
13	00225/CHENP/2004	PCT/EP02/07273	No. 10134389.2	Germany	Basf Aktiengesellschaft, Germany	Preparation of a salt - free aqueous hydroxylamine solution
	Dt : 04/02/2004	Dt : 02/07/2002				
14	00226/CHENP/2004	PCT/NL02/00438	No. 01202580.5	Netherlands	Incotec international B.V., Netherlands	Sparkling envelopes
	Dt : 04/02/2004	Dt : 04/07/2002				
15	00227/CHENP/2004	PCT/EP02/07478	No. 101 32 633.5	Germany	BARMAG AG., Germany	Texturing Machine
	Dt : 04/02/2004	Dt : 05/07/2002				
16	00228/CHENP/2004	PCT/DK02/00466	No. PA 2001 01060	Denmark	Disease control textiles, Denmark	A fencing
	Dt : 04/02/2004	Dt : 05/07/2002				
17	00229/CHENP/2004	PCT/GB01/03174	No. 60/303, 263	Poland Portugal Panama	Chequepoint Franchise Corporation, Panama	Transaction processing system and method
	Dt : 04/02/2004	Dt : 13/07/2001				
18	00230/CHENP/2004	PCT/US02/21063	Nos. 09/899, 794; 10/042, 582	United States of America	Synaptic Pharmaceutical Corporation, USA	Substituted anilinc piperidines as MCH selective antagonists
	Dt : 05/02/2004	Dt : 03/07/2002				

19	00231/CHENP/2004	PCT/JP01/05908		Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	Electrical unit layout structure in motorcycle
	Dt : 05/02/2004	Dt : 06/07/2001				
20	00232/CHENP/2004	PCT/IB02/03533	No. 0119145.1	Finland	Nokia Corporation, Finland	Controlling processing networks
	Dt : 05/02/2004	Dt : 05/08/2002				
21	00233/CHENP/2004	PCT/GB02/03513	No. 0119176.6	United Kingdom	Ocutty Limited, United Kingdom	Optical switching apparatus
	Dt : 05/02/2004	Dt : 31/07/2002				
22	00234/CHENP/2004	PCT/US02/26802	Nos. 10/037, 287; 10/222, 116; 60/313, 604	United States of America	Kimberly - Clark Worldwide, Inc., USA	Mechanical fastening system having orthogonally oriented engagement members
	Dt : 05/02/2004	Dt : 20/08/2002				
23	00235/CHENP/2004	PCT/EP02/07340	No. 101 32 059.0	Germany	BASF Aktiengesellschaft, Germany	Fungicidal triazolopyrimidinés, method for the production thereof and use thereof in controlling noxious fungi and agents containing said compounds
	Dt : 05/02/2004	Dt : 03/07/2002				
24	00236/CHENP/2004	PCT/EP02/08634	No. 09/921, 751	Italy	Pharmacia Italia S.p.a., Italy	Aminoisoxazole derivatives active as kinase inhibitors
	Dt : 05/02/2004	Dt : 29/07/2002				
25	00237/CHENP/2004	PCT/FR02/02385	No. 01/10566	France	Institut Français Du pétrole, France	Process for isomerising a C5 - C8 cut employing two reactors in parallel
	Dt : 06/02/2004	Dt : 08/07/2002				
26	00238/CHENP/2004	PCT/EP02/08780	No. 0119249.1	Switzerland	Novartis AG, Switzerland	4 - amino - 6 - phenyl - pyrrolo[2,3 - d] pyrimidine derivatives
	Dt : 06/02/2004	Dt : 06/08/2002		Cote d'Ivoire		

27	00239/CHENP/2004	PCT/EP02/07307	No. 01810670.8			Switzerland Ciba Specialty Chemicals Holding Inc., Cote divoire Switzerland	Process for the preparation of intermediates useful in the synthesis of statin derivatives especially 7 - amino 3, 5 - dihydroxy heptanoic acid derivatives, and intermediates thereof c
	Dt : 06/02/2004	Dt : 02/07/2002					
23	00240/CHENP/2004	PCT/IL02/00640	No. 60/310, 414			Israel	Multi - compartment container assembly system
	Dt : 06/02/2004	Dt : 06/08/2002					
29	00241/CHENP/2004	PCT/US02/25010	No. 09/924, 308			United States of America	Frame structure to improve frame synchronization at the receiver
	Dt : 06/02/2004	Dt : 06/08/2002					
30	00242/CHENP/2004	PCT/US02/25008	Nos. 09/943, 888; 60/310, 747			United States of America	Low voltage class - AB output stage amplifier
	Dt : 06/02/2004	Dt : 06/08/2002					
31	00243/CHENP/2004	PCT/US02/25009	No. 09/924, 199			United States of America	Adaptive selection of the pilot filter for a wireless communication system
	Dt : 06/02/2004	Dt : 06/08/2002					
32	00244/CHENP/2004	PCT/US02/24746	No. 60/310, 372			United States of America	Stabilized oral suspension formulation
	Dt : 06/02/2004	Dt : 05/08/2002					
33	00245/CHENP/2004	PCT/AU02/00919	No. 09/922, 274			Australia	Image sensing apparatus including a microcontroller
	Dt : 06/02/2004	Dt : 09/07/2002					
34	00246/CHENP/2004	PCT/AU02/00920	No. 09/922, 275			Australia	Image printing apparatus including a microcontroller
	Dt : 06/02/2004	Dt : 09/07/2002					

35	00247/CHENP/2004	PCT/AU02/00921	No. 09/922, 158	Australia	Silverbrook Research Pty Ltd., Australia	Printing cartridge with barcode identification
	Dt : 06/02/2004	Dt : 09/07/2002				
36	00248/CHENP/2004	PCT/AU02/00915	No. 09/922, 159	Australia	Silverbrook Research Pty Ltd., Australia	Printing cartridge with two dimensional code identification
	Dt : 06/02/2004	Dt : 09/07/2002				
37	00249/CHENP/2004	PCT/AU02/00914	No. 09/922, 036	Australia	Silverbrook Research Pty Ltd., Australia	Printing cartridge with an integrated circuit device
	Dt : 06/02/2004	Dt : 09/07/2002				
38	00250/CHENP/2004	PCT/AU02/00913	No. 09/922, 047	Australia	Silverbrook Research Pty Ltd., Australia	Printing cartridge with radio frequency identification
	Dt : 06/02/2004	Dt : 09/07/2002				
39	00251/CHENP/2004	PCT/AU02/01053	No. 09/922, 029	Australia	Silverbrook Research Pty Ltd., Australia	A printing cartridge with switch array identification
	Dt : 06/02/2004	Dt : 06/08/2002				
40	00252/CHENP/2004	PCT/AU02/01055	No. 09/922, 112	Australia	Silverbrook Research Pty Ltd., Australia	A printing cartridge with capacitive sensor identification
	Dt : 06/02/2004	Dt : 06/08/2002				
41	00253/CHENP/2004	PCT/AU02/01054	No. 09/922, 207	Australia	Silverbrook Research Pty Ltd., Australia	A printing cartridge with pressure sensor array identification
	Dt : 06/02/2004	Dt : 06/08/2002				
42	00254/CHENP/2004	PCT/AU02/01056	No. 09/922, 105	Australia	Silverbrook Research Pty Ltd., Australia	An ink distribution assembly for an ink jet printhead
	Dt : 06/02/2004	Dt : 06/08/2002				
43	00255/CHENP/2004	PCT/JP02/06721	No. 2001 - 204784	Japan	Translational Research Ltd., Japan	Composition of insulin for nasal administration
	Dt : 06/02/2004	Dt : 03/07/2002				

44	00256/CHENP/2004	PCT/IB02/03547	No. 01203364.3		Neherlands	Koninklijke Philips electronics N.V., Netherlands	Head arrangement with improved field characteristic for domain expansion technology
	Dt : 06/02/2004	Dt : 29/08/2002					Valve system and method
45	00257/CHENP/2004	PCT/US02/25329	No. 09/925, 676		United States of America	Worldwide Oilfield Machine, Inc., USA	
	Dt : 09/02/2004	Dt : 09/08/2002					
46	00258/CHENP/2004	PCT/EP02/08676	No. 101 39 126.9		Germany	Ciba	Compositions of polysiloxanes, fluoropolymers and extenders
	Dt : 09/02/2004	Dt : 03/08/2002				Spezialitatenchemie Pfersee GmbH, Germany	Acquisition of a gated pilot
47	00259/CHENP/2004	PCT/US02/25470	No. 09/927, 869		United States of America	Qualcomm Incorporated, USA	
	Dt : 09/02/2004	Dt : 08/08/2002					
48	00260/CHENP/2004	PCT/FR02/02770	No. 01/10573		France	Aventis Pasteur, France	Vaccine composition comprising at least two valences, one enhanced with adjuvant and not the other
	Dt : 09/02/2004	Dt : 31/07/2002					
49	00260/CHENP/2004	PCT/FR02/02770	No. 01/10573		France	Aventis Pasteur, France	Vaccine composition comprising at least two valences, one enhanced with adjuvant and not the other
	Dt : 09/02/2004	Dt : 31/07/2002					
50	00261/CHENP/2004	PCT/EP02/08807	No. 01402144.8		Neherlands	Shell Internationale Research Maatschappij B.V., Netherlands	Process to prepare a hydrocarbon product having a sulphur content of below Wt 1%
	Dt : 09/02/2004	Dt : 06/08/2002					Gearing assembly
51	00262/CHENP/2004	PCT/EP02/08897	No. 101 39 285.0		Germany	Schapiro Boris, Germany; Kruk Naum, Germany; Levitin Lev, Israel	
	Dt : 09/02/2004	Dt : 08/08/2002					



52	00263/CHENP/2004	PCT/US02/23574	No. 01 1 24787.8	United States of America	International Business Machines Corporation, USA	System and method for collaborative handwriting input
	Dt : 09/02/2004	Dt : 23/07/2002				
53	00264/CHENP/2004	PCT/EP02/07643	No. 01305889.6	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands	Vibration analysis for predictive maintenance in machinery
	Dt : 09/02/2004	Dt : 08/07/2002				
54	00265/CHENP/2004	PCT/CH02/00430	No. 1462/01	Switzerland	Maschinenfabrik Rieter AG, Switzerland	Device for the manufacture of a spun yarn
	Dt : 09/02/2004	Dt : 05/08/2002				
55	00266/CHENP/2004	PCT/CH02/00432	No. 101 37 937.4	Switzerland	KMK Lizenz LTD., Mauritius; KMK MASCHINEN AG, Switzerland	Packaging container
	Dt : 09/02/2004	Dt : 07/08/2002				
56	00267/CHENP/2004	PCT/US02/20142	No. 60/304, 089	United States of America	Combinato RX, Inc., USA	Combinations for the treatment of inflammatory disorders
	Dt : 09/02/2004	Dt : 26/06/2002				
57	00268/CHENP/2004	PCT/US02/25328	Nos. 09/925, 676; 60/318, 371; 09/992,220	United States of America	Worldwide Oilfield Machine, Inc., USA	Method and apparatus for replacing BOP with gate valve
	Dt : 09/02/2004	Dt : 09/08/2002				
58	00269/CHENP/2004	PCT/EP02/08898	No. 101 39 286.9	Germany	SCHAPIRO, Boris, Germany; LEVITIN, Lev., USA; KRUK, Naum, Germany	Rotary piston machine
	Dt : 09/02/2004	Dt : 08/08/2002				
59	00270/CHENP/2004	-		India	M/S. Shasun Chemicals and Drugs Limited, Shasun House, 3, Doraiswamy Road, T. Nagar, Chennai - 600017	1-(4 - Methyl Thio) Phenyl - 2 - (Phenyl Acetoxy) - 1 - Ethanone and a process for preparing the same
	Dt : 10/02/2004	Dt : 01/01/1900				

60	00271/CHENP/2004	PCT/EP02/08696	Nos. 60/311, 504; 60/384, 711	Switzerland Cote d'Ivoire	F. Hoffmann - La Roche AG, Switzerland	Arylsulfonyl derivatives with 5 - HT6 receptor affinity
	Dt: 10/02/2004	Dt: 05/08/2002				
61	00272/CHENP/2004	PCT/US02/25467	No. 09/928, 578	United States of America	Qualcomm Incorporated, USA	Method and apparatus for controlling gain level of a communication channel in a CDMA communication system
	Dt: 10/02/2004	Dt: 08/08/2002				
62	00273/CHENP/2004	PCT/EP02/08832	No. 101 39 477.2	Germany	Basell Polyolefine GmbH, Germany	Optimization of heat removal in a gas - phase fluidized - bed process
	Dt: 10/02/2004	Dt: 07/08/2002				
63	00274/CHENP/2004	PCT/US02/22352	No. 60/304, 049	United States of America	Deco Patents, Inc., USA	UV cured UV blocking compositions and methods for making and using the same
	Dt: 10/02/2004	Dt: 10/07/2002				
64	00275/CHENP/2004	PCT/EP02/08542	No. 2001/0541	Belgium	AMYLUM EUROPE N.V., Belgium	Method for the preparation of gliadin - and glutenin - rich fractions out of gluten in an aqueous medium and in the presence of an acid
	Dt: 10/02/2004	Dt: 30/07/2002				
65	00276/CHENP/2004	PCT/EP02/07225	No. 101 39 556.6	Germany	Aloys Wobben, Germany	Wind power installation
	Dt: 10/02/2004	Dt: 01/07/2002				
66	00277/CHENP/2004	PCT/EP02/07671	No. RM2001A000408	Italy	Universita' Degli Studi di Napoli "FEREDRICO II", Italy	Human mini - antibody cytotoxic for tumor cells which express the ERBB2 receptor
	Dt: 10/02/2004	Dt: 10/07/2002				
67	00278/CHENP/2004	PCT/IB02/02821	No. 01203059.9	Netherlands	Koninklijke Philips Electronics N.V., Netherlands	Optical scanning device
	Dt: 10/02/2004	Dt: 08/07/2002				

68	00279/CHENP/2004 Dt: 11/02/2004	PCT/AU02/01000 Dt: 26/07/2002	No. AU PR 6639	Australia	Starvalley Pty Ltd., 14, Scott Street, Leederville, Western Australia 6007, Australia	Vehicle suspension stabilising arrangement
69	00280/CHENP/2004 Dt: 11/02/2004	PCT/CH02/00443 Dt: 13/08/2002	No. 01810788.8	Switzerland Cote d'Ivoire	ABB Schweiz AG, Switzerland	Switching device
70	00281/CHENP/2004 Dt: 11/02/2004	PCT/US02/19501 Dt: 19/06/2002	No. 09/904, 583	United States of America	RJR Polymers, INC., USA	Use of diverse materials in air - cavity packaging of electronic devices
71	00282/CHENP/2004 Dt: 11/02/2004	PCT/DK02/00482 Dt: 10/07/2002	09/904, 196Nos. PA2002 00447, PA 2002 00708		Maxygen Holdings Inc., British West Indies	G - CSF conjugates
72	00283/CHENP/2004 Dt: 11/02/2004	PCT/CH02/00364 Dt: 04/07/2002	No. 1281/01	Switzerland Cote d'Ivoire	Uster technologies AG, Switzerland	Method and device for identifying foreign bodies in a textile material
73	00284/CHENP/2004 Dt: 11/02/2004	Dt: 01/01/1900	Nos. 11 - 332321; 2000 - 126325; 2000 - 126326; 2000 - 128969	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	A sealant charging process in sealant - incorporated tire tube
74	00285/CHENP/2004 Dt: 11/02/2004	Dt: 01/01/1900	Nos. 11 - 332321; 2000 - 126325; 2000 - 126326; 2000 - 128969	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	A sealant charging process in sealant - incorporated tire tube
75	00286/CHENP/2004 Dt: 11/02/2004	PCT/EP02/07689 Dt: 10/07/2002	10133756.6	Germany	SMS DEMAG AG, Germany	Cold Rolling mill and Method of Cold Rolling Metal Strip

76	00287/CHENP/2004 Dt: 12/02/2004	PCT/US02/25178 Dt: 09/08/2002	60/311,849;60/379,741	Israel	TEL-AVIV UNIVERSITY FUTURE TECHNOLOGY DEVELOPMENT L.P., ISREAL	LIPIDATED-GLYCOS AMINOGLYCAN PARTICLES AND THEIR USE IN DRUG AND GENE DELIVERY FOR DIAGNOSIS AND THEREAPY
77	00288/CHENP/2004 Dt: 12/02/2004	PCT/US02/25711 Dt: 13/08/2002	60/312,126	United States of America	FLARION TECHNOLOGIES ,INC.,USA	METHODS AND APPARATUS FOR WIRELESS NETWORK CONNECTIVITY.
78	00289/CHENP/2004 Dt: 12/02/2004	PCT/US/25272 Dt: 12/02/2004	60/311,821	United States of America	HUMANA, INC USA	WEB BASED SECURITY WITH CONTROLLED ACCESS TO DATA AND RESOURCES
79	00290/CHENP/2004 Dt: 12/02/2004	PCT/IL02/00562 Dt: 11/07/2002	144296;147126	Israel	GIVEN IMAGING LTD., ISREAL	DEVICE AND METHOD FOR EXAMINING A BODY LUMEN
80	00291/CHENP/2004 Dt: 12/02/2004	PCT/US02/25511 Dt: 12/08/2002	60/311,387;10/142,966	United States of America	BECTON DICKINSON AND COMPANY., USA	AGENTS FOR ENHANCING THE IMMUNE RESPONSE.
81	00292/CHENP/2004 Dt: 12/02/2004	PCT/US02/24749 Dt: 12/02/2004	09/929,220	United States of America	Qualcomm Incorporated, USA	SYSTEM AND METHOOD FOR PROVIDING SUBSCRIBED APPLICATIONS ON WIRELESS DEVICES OVER A WIRELESS NETWORK
82	00293/CHENP/2004 Dt: 12/02/2004	PCT/DK02/00491 Dt: 12/07/2002	PA 2001 01101;PA 2001 01851;PA 200101852	Denmark	H.LUNBECK A/S,DENMARK	METHOD FOR THE PREPARATION OF ESCITALOPRAM

83	00294/CHENP/2004	PCT/IB02/03325	09/934,073	United States of America	NOKIA INC, USA	AN IP/MPLS-BASED TRANSPORT SCHEME IN 3G RADIO ACCESS NETWORKS
	Dt : 12/02/2004	Dt : 19/08/2002				
84	00295/CHENP/2004	PCT/FR02/02872	01/11001	France	RHODIA CHIMIE, FRANCE	METHOD OF PREPARING SILICAS, SILICAS WITH SPECIFIC PORE-SIZE AND/OR PARTICLE-SIZE DISTRIBUTION, AND THE USES THEREOF, IN PARTICULAR FOR REINFORCING POLYMERS.
	Dt : 12/02/2004	Dt : 13/08/2002				
85	00296/CHENP/2004	PCT/DK02/00529	PA 200101210		NOVA NORDISK A/S, DENMARK	PORTABLE DEVICE AND METHOD OF COMMUNICATING MEDICAL DATA INFORMATION
	Dt : 12/02/2004	Dt : 12/08/2002				
86	00297/CHENP/2004	PCT/IL02/00586	60/304,941	Israel	MEL LIGHTNING LTD, ISREAL	GAS DISCHARGE LAMP
	Dt : 12/02/2004	Dt : 14/07/2002				
87	00298/CHENP/2004	PCT/IB02/03200	09/929,257	Netherlands	Koninklijke Philips electronics N.V., Netherlands	SELECTING AND CONTROLLING REMOTE AND LOCAL CONTENT VIA PROPRIETARY APPLICATION
	Dt : 12/02/2004	Dt : 29/07/2002				
88	00299/CHENP/2004	PCT/KR 03/00087	02-24438		SAMSUNG ELECTRONICS CO., LTD, KOREA	FILTERING METHOD AND APPARATUS FOR REMOVING BLOCKING ARTIFACTS AND/OR RINGING NOISE.
	Dt : 12/02/2004	Dt : 15/01/2003				

89	00300/CHENP/2004	PCT/IN02/00221		India	Global Bulk Drugs & Fine Chemicals Private Limited	Improved process for preparation of Gabapentin
	Dt : 12/02/2004	Dt : 18/11/2002				
90	00301/CHENP/2004	PCT/US02/26198	60/312,726; 10/032,376;10/153,185	United States of America	Kimberly-Clark Worldwide, Inc., of 401 North Lake Street, Neenah, Wisconsin 54956, U.S.A.	Anti-Aging and wound healing compounds
	Dt : 13/02/2004	Dt : 15/08/2002				
91	00302/CHENP/2004	PCT/EP02/09134	0119911.6	Switzerland	Novartis Ag of Lichtstrasse, Switzerland	Isoxazopyridinones and use thereof in the treatment of Parkinson's Disease
	Dt : 13/02/2004	Dt : 14/08/2002		Syria Spain		
92	00303/CHENP/2004	PCT/US02/25750	60/312,177	United States of America	Qualcomm Incorporated, U.S.A.	Application level access privilege to a storage area on a computer device
	Dt : 13/02/2004	Dt : 13/08/2002				
93	00304/CHENP/2004	PCT/GB02/03807	0120018.7	United Kingdom	Meridica Limited, United Kingdom	Pack containing medicament and dispensing device
	Dt : 13/02/2004	Dt : 16/08/2002				
94	00305/CHENP/2004	PCT/EP02/08819	01119429.7	Switzerland	Roche Vitamins AG, Cote d'Ivoire	Composition comprising sugar beet pectin and carotenoids
	Dt : 13/02/2004	Dt : 07/08/2002		Cote d'Ivoire		
95	00306/CHENP/2004	PCT/US02/26035	60/312,737	United States of America	Qualcomm Incorporated, U.S.A.	Data synchronization interface
	Dt : 13/02/2004	Dt : 15/08/2002				
96	00307/CHENP/2004	PCT/US02/25746	60/312,146	United States of America	Qualcomm Incorporated, U.S.A.	Using permissions to allocate device resources to an application
	Dt : 13/02/2004	Dt : 13/08/2002				
97	00308/CHENP/2004	PCT/US02/25466	09/929,250	United States of America	Qualcomm Incorporated, U.S.A.	System for updating software in a wireless device
	Dt : 13/02/2004	Dt : 08/08/2002				

98	00309/CHENP/2004	PCT/US02/26013	09/31, 730; 10/092, 644;	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for retransmission in a wireless communication system
	Dt : 13/02/2004	Dt : 16/08/2002				
99	00310/CHENP/2004	PCT/IB02/02921	01203109.2	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Signal, Storage medium, method and device for recording signal: method and device for reproducing signal
	Dt : 13/02/2004	Dt : 09/07/2002				
100	00311/CHENP/2004	PCT/IB02/02838	01203147.2	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	ENHANCED CODING FOR INFORMED DECODERS
	Dt : 16/02/2004	Dt : 04/07/2002				
101	00312/CHENP/2004	PCT/EP02/08886	101 39 416.0	Germany	Aventis Pharma Deutschland GmbH, Germany	AMINOALKYL-SUBSTITUTED AROMATIC BICYCLIC COMPOUNDS, METHODS FOR THEIR PREPARATION AND THEIR USE AS PHARMACEUTICALS
	Dt : 16/02/2004	Dt : 03/08/2002				
102	00313/CHENP/2004	PCT/EP02/07575	01117404.2	Germany	Basf Aktiengesellschaft, Germany	6-(2,6-DIFLUORO-PHENYL)-TRIAZOLOPYRIMIDINES
	Dt : 16/02/2004	Dt : 08/07/2002				
103	00314/CHENP/2004	PCT/EP02/07578	01117402.6	Germany	Basf Aktiengesellschaft, Germany	SUBSTITUTED 6-(2-TOLYL)-TRIAZOLOPYRIMIDINES
	Dt : 16/02/2004	Dt : 08/07/2002				
104	00315/CHENP/2004	PCT/CH02/00438	09/032,511		GIVAUDAN SA, SWITZERLAND	FRAGRANCE DELIVERY VEHICLE
	Dt : 16/02/2004	Dt : 16/08/2002				

105	00316/CHENP/2004	PCT/EP02/098181	60/313,048	Switzerland Cote divoire	Novartis Ag of Lichtstrasse, Switzerland	5-CNAC AS ORAL DELIVERY AGENT FOR PARATHYROID HORMONE FRAGMENTS
	Dt: 16/02/2004	Dt: 16/08/2002				
106	00317/CHENP/2004	PCT/US02/26041	60/312,737	United States of America	Qualcomm Incorporated, U.S.A.	TRANSACTION PROCESSING
	Dt: 16/02/2004	Dt: 01/01/1900				
107	00318/CHENP/2004	PCT/US02/26015	09/933,473	United States of America	Qualcomm Incorporated, U.S.A.	METHOD AND APPARATUS FOR CALL SETUP LATENCY REDUCTION
	Dt: 16/02/2004	Dt: 16/08/2002				
108	00319/CHENP/2004	PCT/US02/26014	09/933,437; 10/135,558	United States of America	Qualcomm Incorporated, U.S.A.	CALL SETUP LATENCY REDUCTION BY ENCAPSULATING SIGNALING MESSAGES.
	Dt: 16/02/2004	Dt: 16/08/2002				
109	00320/CHENP/2004	PCT/US02/25472	09/929,179	United States of America	Qualcomm Incorporated, U.S.A.	METHOD AND APPARATUS FOR SCHEDULING PACKET DATA TRANSMISSIONS IN A WIRELESS COMMUNICATION SYSTEM
	Dt: 16/02/2004	Dt: 08/08/2002				
110	00321/CHENP/2004	PCT/US02/26034	60/312,675	United States of America	Qualcomm Incorporated, U.S.A.	TEST ENABLED APPLICATION EXECUTION
	Dt: 16/02/2004	Dt: 15/08/2002				
111	00322/CHENP/2004	PCT/US02/25469	09/929,174	United States of America	Qualcomm Incorporated, U.S.A.	SYSTEM AND METHOD FOR LICENSING APPLICATIONS ON WIRELESS DEVICES OVER A WIRELESS NETWORK
	Dt: 16/02/2004	Dt: 08/08/2002				



112	00323/CHENP/2004	PCT/us02/25468	09/930,759	United States of America	Qualcomm Incorporated, U.S.A.	method for reducing power consumption in bluetooth and cdma modes of operation
	Dt : 16/02/2004	Dt : 01/01/1900				
113	00324/CHENP/2004	PCT/US02/25751	09/930,759;10/077,123	United States of America	Qualcomm Incorporated, U.S.A.	dualo mode bluetooth/wireless device with wake-pu times optimized for power control
	Dt : 16/02/2004	Dt : 13/08/2002				
114	00325/CHENP/2004	PCT/US02/26040	09/932,121	United States of America	Qualcomm Incorporated, U.S.A.	METHOD AND APPARATUS FOR MESSAGE SEGMENTATION IN A WIRELESS COMMUNICATION SYSTEM
	Dt : 16/02/2004	Dt : 01/01/1900				
115	00326/CHENP/2004	PCT/US02/25811	60/313,251	United States of America	Fisher Controls International LLC., USA	Fluid control valve with low pressure drop ration factor
	Dt : 16/02/2004	Dt : 15/08/2002				
116	00327/CHENP/2004	PCT/US02/26039	09/931160	United States of America	Qualcomm Incorporated, U.S.A.	A method and apparatus for die stacking
	Dt : 17/02/2004	Dt : 15/08/2002				
117	00328/CHENP/2004	PCT/JP03/07685	2002-177315	Japan	KYOWA CHEMICAL INDUSTRY CO.,LTD., JAPAN	Crude polyether purification process and absorbent
	Dt : 17/02/2004	Dt : 17/06/2003				
118	00329/CHENP/2004	PCT/EP02/07732	01810719.3	Switzerland	Ciba speciality chemicals holding inc.,Switzerland	Dyes incorporating anionic and cationic groups.
	Dt : 17/02/2004	Dt : 11/07/2002		Cote d'ivoire		
119	00330/CHENP/2004	PCT/NL01/00556		Neherlands	BREAKEY B.V., NETHERLANDS	TOY ARTICLE
	Dt : 17/02/2004	Dt : 19/07/2001				

120	00331/CHENP/2004	PCT/JP02/08238	2001-251278; 2001-251279	Japan	Sumitomo Chemical Company Limited, Japan	PROCESS FOR PRODUCING PROPYLENE OXIDE
	Dt : 17/02/2004	Dt : 01/01/1900				
121	00332/CHENP/2004	PCT/US02/26803	60/313,604; 10/037/278	United States of America	Kimberly-Clark Worldwide, Inc., of 401 North Lake Street, Neenah, Wisconsin 54956, U.S.A.	SECONDARY ATTACHMENT SYSTEM FOR PERSONAL CARE ARTICLE
	Dt : 17/02/2004	Dt : 20/08/2002				
122	00333/CHENP/2004	PCT/EP02/26804	60/313,604; 10/037/277	United States of America	Kimberly-Clark Worldwide, Inc., of 401 North Lake Street, Neenah, Wisconsin 54956, U.S.A.	SYSTEM AND METHOD FOR ATTACHING ABSORBENT ARTICLES
	Dt : 17/02/2004	Dt : 20/08/2002				
123	00334/CHENP/2004	PCT/IT01/00392		Italy	CTS di A MAFFIOLETTI & C.S.a.s. AND BORSATO MARIO	CONCRETE CASTING PROCESS FOR THE MANUFACTURE OF CONCRETE ARTICLES
	Dt : 17/02/2004	Dt : 20/07/2001				
124	00335/CHENP/2004	PCT/US02/25463	60/313364	United States of America	LEUNG, WU-HON FRANCAIS, USA	METHOD TO ADD SOFTWARE FEATURES WITHOUT MODIFYING EXISTING CODE
	Dt : 17/02/2004	Dt : 09/08/2002				
125	00336/CHENP/2004	PCT/SE02/01500	0102788-7	Denmark	ECO LEAN RESEARCH & DEVELOPMENT A/S	METHOD FOR PRODUCING CONTAINER PROVIDED WITH A SCREW CAP ASSEMBLY
	Dt : 18/02/2004	Dt : 21/08/2002				
126	00337/CHENP/2004	PCT/SE02/01499	0102789-5	Sweden	ECO LEAN RESEARCH & DEVELOPMENT A/S	CONTAINER AND METHOD FOR MANUFACTURING THEREOF
	Dt : 18/02/2004	Dt : 21/08/2002				

127	00338/CHENP/2004	PCT/JP02/0427	2001-220404; 2001-261176	Japan	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JAPAN	ALKALINE DRY BATTERY
	Dt: 18/02/2004	Dt: 17/05/2002				
128	00339/CHENP/2004	PCT/EP02/07688	60/313756	Netherlands	AKZO NOBEL N.V. NETHERLANDS	CO-RETARDING AGENTS FOR PREPARING PURIFIED BRINE
	Dt: 18/02/2004	Dt: 10/07/2002				
129	00340/CHENP/2004	PCT/JP02/07882	2001-251903; 2002-72288	United States of America	INTERNATIONAL BUSINESS MACHINES CORPORATION, U.S.A.	INTONATION GENERATING METHOD, SPEECH SYNTHESIZING DEVICE BY TYHE METHOD, AND VOICE SERVER
	Dt: 18/02/2004	Dt: 01/08/2002				
130	00341/CHENP/2004	PCT/GB02/03308	GB 0117568.6	United Kingdom	Hydrophilim Limited, United Kingdom	Transparent Article
	Dt: 19/02/2004	Dt: 19/07/2002				
131	00342/CHENP/2004	PCT/GB02/03834	60/314,438 & 10/138,806	Belgium	Archibald Ian Jeremy Brain, Belgium	Laryngeal Mask Airway Device
	Dt: 19/02/2004	Dt: 21/08/2002				
132	00343/CHENP/2004	PCT/JP02/08309	2001-249717	Japan	Tanebe Seliyaku Co. Ltd., Japan	Pharmaceutical Compositions comprising polysaccharide conjugates for inhibiting the metastasis or preventing the recurrence of malignant tumor
	Dt: 19/02/2004	Dt: 06/08/2002				
133	00344/CHENP/2004	PCT/US03/20206	10/192,449	United States of America	The dial corporation, USA	Compositions having enhanced deposition of a topically active compound on a surface
	Dt: 19/02/2004	Dt: 26/06/2003				

134	00345/CHENP/2004 Dt: 19/02/2004	PCT/GB02/03806 Dt: 16/08/2002	0120347.0, PCT/GB01/03741	United Kingdom	Merck Sharp & Dohme Limited, United Kingdom	Novel-Cyclohexyl Sulphones
135	00346/CHENP/2004 Dt: 19/02/2004	PCT/EP02/08907 Dt: 09/08/2002	101 40 170.1, 101 42 455.8	Germany	Aventis Pharma Deutschland GmbH, Germany	Combination products of Aryl-substituted, propanolamine derivatives with other active ingredients and the use thereof
136	00347/CHENP/2004 Dt: 19/02/2004	PCT/EP02/08908 Dt: 09/08/2002	101 40 169.8, 101 42 456.6	Germany	Aventis Pharma Deutschland GmbH, Germany	Combination products of 1-4-Benzothiepine 1, 1- Dioxide derivatives with other active ingredients and the use thereof
137	00348/CHENP/2004 Dt: 19/02/2004	PCT/JP02/08442 Dt: 21/08/2002	2001-250937	Japan	Sharp Kabushiki Kaisha, Japan and another	Regenerator and flow gas heat regeneration system employing the same
138	00349/CHENP/2004 Dt: 19/02/2004	PCT/US02/23441 Dt: 22/07/2002	60/307,693	United States of America	Concept Therapeutics, Inc, USA	Methods for preventing Antipsychotic-induced weight gain
139	00350/CHENP/2004 Dt: 19/02/2004	PCT/US02/12333 Dt: 19/04/2002	60/313,816	United States of America	Nielsen Media Research, Inc, USA	Television Proximity Sensor
140	00351/CHENP/2004 Dt: 19/02/2004	PCT/EP02/08757 Dt: 06/08/2002	101 41 099.9	Germany	Supramol Parenteral Colloids, GmbH, Germany	Hyperbranched amylopectin for use in methods for surgical or therapeutic treatment of mammals or in diagnostic methods, especially for use as a plasma volume expander

141	00352/CHENP/2004	PCT/IN03/00039	India	Shri. Abburi Visweswara Rao, 8-4-38/2, Doctors colony, pedawaltair, visakhapatnam 530 017,	A process for the manufacture of feed grade dicalcium phosphate
	Dt : 19/02/2004	Dt : 27/02/2003			
142	00353/CHENP/2004	PCT/US02/21164	United States of America	3M Innovative Properties Company, U.S.A.,	Removable retroreflective material
	Dt : 20/02/2004	Dt : 02/07/2002			
143	00354/CHENP/2004	PCT/US02/26306		General Motors Corporation, U.S.A.,	Vehicle chassis having programmable operating characteristics and method for using same.
	Dt : 20/02/2004	Dt : 16/08/2002			
144	00355/CHENP/2004	PCT/US02/26146	United States of America	General Motors Corporation, U.S.A.,	Vehicle body configurations
	Dt : 20/02/2004	Dt : 16/08/2002			
145	00356/CHENP/2004	PCT/US02/26175	United States of America	General Motors Corporation., U.S.A.,	Vehicle chassis having systems responsive to non-mechanical control signals
	Dt : 20/02/2004	Dt : 16/08/2002			
146	00357/CHENP/2004	PCT/US02/26174	United States of America	General Motors Corporation, U.S.A.,	Vehicle chassis having systems responsive to non-mechanical control signals
	Dt : 20/02/2004	Dt : 16/08/2002			
147	00358/CHENP/2004	PCT/IB01/01899	Brazil	Bunge Alimentos S.A., Brazil	Soybean meal with a reduced fat and soluble sugar content, and methods of making and using the same
	Dt : 20/02/2004	Dt : 22/08/2001			
148	00359/CHENP/2004	PCT/US02/26447	United States of America	Qualcomm Incorporated, U.S.A.,	Method and system for restricting mobility using unique encrypted charges
	Dt : 20/02/2004	Dt : 21/08/2001			

149	00360/CHENP/2004	PCT/US02/26448	09/933, 978	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for signaling in broadcast communication system
	Dt : 20/02/2004	Dt : 20/08/2002				
150	00361/CHENP/2004	PCT/US02/26016	60/313, 765	United States of America	Qualcomm Incorporated, U.S.A.	Transmitter system and method for a wireless communication system
	Dt : 20/02/2004	Dt : 16/08/2002				
151	00362/CHENP/2004	PCT/JP02/07384	2001-220989	Japan	Japan Absorbent Technology Institute, Japan	Absorber in a sheet form and absorber product using the same
	Dt : 20/02/2004	Dt : 22/07/2002				
152	00363/CHENP/2004	PCT/US02/26449	09/933, 604	United States of America	Qualcomm Incorporated, U.S.A.	Power control for a channel with multiple formats in a communication system
	Dt : 20/02/2004	Dt : 20/08/2002				
153	00364/CHENP/2004	PCT/EP02/09280	01203187.8	Netherlands	AKZO NOBEL N.V. NETHERLANDS.	C-14 Oxidation of morphine derivatives
	Dt : 20/02/2004	Dt : 15/08/2002				
154	00365/CHENP/2004	PCT/US02/27050	60/314, 525	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for increasing the accuracy and speed of correlation attacks
	Dt : 20/02/2004	Dt : 22/08/2002				
155	00366/CHENP/2004	PCT/EP02/09096	01120203.3	Netherlands	DSM IP ASSETS B.V., THE NETHERLANDS	Novel stabilized carotenoid compositions
	Dt : 23/02/2004	Dt : 14/08/2002				
156	00367/CHENP/2004	PCT/EP02/09356	101 41 285.1	Germany	Merckle GmbH, of Ludwig-Merckle-Strasse 3, 89143-Blaubeuren, Germany	Process for the production of 6-(4-chlorophenyl)-2,2-Dimethyl-7-phenyl-2,3-dihydro-1h-pyrrolizin-5-ylacetic acid
	Dt : 23/02/2004	Dt : 21/08/2002				

157	00368/CHENP/2004	PCT/SE02/01492	0102799-4	Neherlands	AKZO NOBEL N.V. NETHERLANDS.	A nitrogen-containing ortho ester-based surfactant, its preparation and use
	Dt : 23/02/2004	Dt : 22/08/2002				Fuel Tanks
158	00369/CHENP/2004	PCT/US02/26801	09/935, 901	United States of America	Dow Global Technologies, USA	
	Dt : 23/02/2004	Dt : 21/08/2002				
159	00370/CHENP/2004	PCT/US02/26037	09/933, 912	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for utilization of an outer decoder in a broadcast services communication system
	Dt : 23/02/2004	Dt : 15/08/2002				
160	00371/CHENP/2004	PCT/US02/26700	09/935, 900	United States of America	Dow Global Technologies, USA	Method for repairing fuel tanks
	Dt : 23/02/2004	Dt : 21/08/2002				
161	00372/CHENP/2004	PCT/EP02/09399	101 41 250, 9	Germany	Basf Aktiengesellschaft, Germany	Plasticizers for plastics
	Dt : 23/02/2004	Dt : 22/08/2002				
162	00373/CHENP/2004	PCT/US02/26036	09/933, 607	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for a handoff in a broadcast communication system
	Dt : 23/02/2004	Dt : 15/08/2002				
163	00374/CHENP/2004	PCT/US02/26831	60/314, 711	United States of America	Theravance, Inc. U.S.A.	Process for preparing glycopeptide derivatives
	Dt : 24/02/2004	Dt : 23/08/2002				
164	00375/CHENP/2004	PCT/US02/26854	60/314, 712	United States of America	Theravance, Inc. U.S.A.	Process for purifying glycopeptide phosphonate derivates
	Dt : 24/02/2004	Dt : 23/08/2002				
165	00376/CHENP/2004	PCT/US02/26853	No. 60/314, 831	United States of America	Theravance, Inc. U.S.A.	Process for preparing glycopeptide phosphonate derivates
	Dt : 24/02/2004	Dt : 23/08/2002				

166	00377/CHENP/2004	PCT/EP02/08113	101 35 409.6	Germany	Focke & Co. (GmbH & Co.) Germany	Folding-box for cigarettes
	Dt : 24/02/2004	Dt : 20/07/2002				
167	00378/CHENP/2004	PCT/JP02/07370	2001-226830	United States of America	International Business Machines Corporation, USA	Data processing method, data processing system, and program
	Dt : 24/02/2004	Dt : 19/07/2002				
168	00379/CHENP/2004	PCT/EP02/09451	60/314, 857	Netherlands	Rath, Matthias, The Netherlands	Novel ascorbic acid compounds, methods of synthesis and application use thereof
	Dt : 24/02/2004	Dt : 23/08/2002				
169	00380/CHENP/2004	PCT/EP02/07663	101 41 651.2	Germany	LTS Lohmann Therapie-Systeme AG, Germany	Transdermal therapeutic system (TTS) with fentanyl as active ingredient
	Dt : 24/02/2004	Dt : 10/07/2002				
170	00381/CHENP/2004	PCT/US02/26858	60/314, 600	United States of America	Corvis Corporation, U.S.A.,	Optical communications systems, devices and methods
	Dt : 24/02/2004	Dt : 23/08/2002				
171	00382/CHENP/2004	PCT/IB02/03290	01203194.4		Koninklijke Philips Electronics N.V., The Netherlands	Adding fields of a video frame
	Dt : 24/02/2004	Dt : 05/08/2002				
172	00383/CHENP/2004	PCT/IB02/02980	PCT/IB02/02980	Netherlands	Koninklijke Philips Electronics N.V., The Netherlands	Upgrading software held in read-only storage
	Dt : 24/02/2004	Dt : 15/07/2002				
173	00384/CHENP/2004	PCT/EP02/07893	101 36 118.1	Germany	BASF Aktiengesellschaft, Germany	7-Amino Triazolo-pyrimidines for controlling harmful fungi
	Dt : 25/02/2004	Dt : 16/07/2002				
174	00385/CHENP/2004	PCT/US02/27242	60/314,867	Finland	Nokia corporation, Finland	System and method for collision-free transmission scheduling using neighbourhood information and advertised transmission times
	Dt : 25/02/2004	Dt : 26/08/2002				



175	00386/CHENP/2004	PCT/IL02/00621	60/307,605	Israel	GIVEN IMAGING LTD., ISREAL and Glukhovsky, Arkady	Diagnostic device using data compression
	Dt : 25/02/2004	Dt : 26/07/2002				
176	00387/CHENP/2004	PCT/EP02/09367	101 41 667.9	Germany	Alloys Wobben, Germany	Apparatus for rotating two components relative to each other
	Dt : 25/02/2004	Dt : 22/08/2002				
177	00388/CHENP/2004	PCT/FR02/02502	0109949	Finland	Ahlstrom research and services, Finland and Ahlstrom Corporation	Use of material based on organic and/or inorganic fibres and chitosan for fixing metal ions
	Dt : 25/02/2004	Dt : 15/07/2002				
178	00389/CHENP/2004	PCT/EP02/09055	101 40 720.3; 101 51 281.3	Germany	Rohim GmbH & Co. KG, Germany	Coloured paint for the screen printing of the inner side of insert moulding pieces
	Dt : 26/02/2004	Dt : 13/08/2002				
179	00390/CHENP/2004	PCT/NO02/00279	20014148	Norway	Elkem Asa, Norway	Method for removing impurities from silicon- containing residues
	Dt : 26/02/2004	Dt : 18/08/2002				
180	00391/CHENP/2004	PCT/EP02/07888	101 36 488.1	Germany	Basf Aktiengesellschaft, Germany	Catalyst system containing ni(O) for hydrocyanation
	Dt : 26/02/2004	Dt : 16/07/2002				
181	00392/CHENP/2004	PCT/NL02/00558	01203217.3, 01203215.7, 01203214.0	Netherlands	DSM IP Assets B.V., The Netherlands	Process for distilling alkaline caprolactam product at reduced pressure
	Dt : 26/02/2004	Dt : 23/08/2002				
182	00393/CHENP/2004	PCT/JP02/08413	2001-267257	Japan	Idemitsu Petrochemical Co. Ltd, Japan	Process for producing low polymer of alpha-olefin
	Dt : 26/02/2004	Dt : 21/08/2002				
183	00394/CHENP/2004	PCT/EP02/09132	01120500.2	Switzerland Syria Spain	SICPA Holding S.A., Switzerland	Water-based screen printing ink
	Dt : 26/02/2004	Dt : 15/08/2002				

184	00395/CHENP/2004	PCT/US02/23824	09/916, 671; 10/195, 385	Italy	M & G POLIMERI ITALIA S.p.A., Italy	Oxygen-scavenging resin compositions and containers having low haze and related methods
	Dt : 26/02/2004	Dt : 25/07/2002				
185	00396/CHENP/2004	PCT/US02/23825	09/916, 671; 10/195, 519	Italy	M & G POLIMERI ITALIA S.p.A., Italy	Oxygen-scavenging resins and containers having minimal color
	Dt : 26/02/2004	Dt : 25/07/2002				
186	00397/CHENP/2004	PCT/NL02/00559	01203217.3, 01203215.7, 01203214.0	Netherlands	DSM IP Assets B.V., The Netherlands	Process for recovering caprolactam from aqueous caprolactam product using in situ prepared alkali amino caproate
	Dt : 26/02/2004	Dt : 23/08/2002				
187	00398/CHENP/2004	PCT/NL02/00511	01202878.3	Netherlands	Coöperatieve Vereniging en Productievereniging van Aardappelmeel en Derivaten Avebe B.A., The Netherlands	Transformation method for obtaining marker-free plants and plants obtained therewith
	Dt : 26/02/2004	Dt : 26/07/2002				
188	00399/CHENP/2004	PCT/DK02/00554	PA 2001 01268	Denmark	Novo Nordisk A/S, Denmark	A Cartridge and a medical delivery system accommodating such a cartridge
	Dt : 26/02/2004	Dt : 23/08/2002				
189	00400/CHENP/2004	PCT/IB02/03326	01203204.1	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Optical scanning device
	Dt : 26/02/2004	Dt : 05/08/2002				
190	00401/CHENP/2004	PCT/NL02/00510	01202873.4	Netherlands	N.V. Nutricia, The Netherlands	Enteral Compositions for the prevention and /or treatment of sepsis
	Dt : 26/02/2004	Dt : 26/07/2002				
191	00402/CHENP/2004	PCT/US02/27336	60/315, 386	United States of America	Schering Corporation, U.S.A.	Pharmaceutical compositions for the treatment of asthma
	Dt : 27/02/2004	Dt : 27/08/2001				

192	00403/CHENP/2004	PCT/EP02/09701	60/316, 389	Switzerland, Novartis AG, Cote d'Ivoire	Pharmaceutical composition comprising lumiracoxib
	Dt : 27/02/2004	Dt : 30/08/2002			
193	00404/CHENP/2004	PCT/IT02/00433	MI01A001665	Italy, Tetralia, Italy	Tetralia fabric and machine for its manufacture
	Dt : 27/02/2004	Dt : 01/07/2002			
194	00405/CHENP/2004	PCT/DK02/00513	PA2001 01164	Denmark, H. Lundbeck A/S, Denmark	Crystalline Composition containing escitalopram
	Dt : 27/02/2004	Dt : 25/07/2002			
195	00406/CHENP/2004	PCT/US02/27129	60/315, 281	Switzerland, Syngenta Participations Syria Spain Ag, Switzerland	Self processing Plants and plant parts
	Dt : 27/02/2004	Dt : 27/08/2002			
196	00407/CHENP/2004	PCT/EP02/09315	1598/01	Switzerland, Syngenta Participations Cote d'Ivoire	"4"-Deoxy-4"-s)-Amino avermectin derivatives
	Dt : 27/02/2004	Dt : 20/08/2002			
197	00408/CHENP/2004	PCT/EP02/09133	01120499.7	Switzerland, SICPA Holding S.A., Cote d'Ivoire	Ink composition optically variable pigments, use of the composition, optically variable pigment and method of treating said pigment
	Dt : 27/02/2004	Dt : 15/08/2002			
198	00409/CHENP/2004	PCT/EP02/09531	101 41 927.9	Germany, Alloys Wobben, Germany	Annular seal, especially for a ball valve
	Dt : 27/02/2004	Dt : 27/08/2002			
199	00410/CHENP/2004	PCT/US02/27853	60/316, 151, 10/061, 617	United States of America, Pharmacia Corporation, USA	Aromatic and heteroaromatic acid halides for synthesizing polyamides
	Dt : 27/02/2004	Dt : 30/08/2002			
200	00411/CHENP/2004	PCT/JP02/08828	2001-265144	Japan, Kyowa hakko kogyo Co. ltd, Japan	Human CDR-Grafted antibody fragment thereof
	Dt : 27/02/2004	Dt : 30/08/2002			

201	00412/CHENP/2004	PCT/US02/27958	09/981, 130, 60/316, 135	United States of America	Qualcomm Incorporated, USA	Fast iterative system and method for evaluating a modulo operation without using division
	Dt : 27/02/2004	Dt : 29/08/2002				
202	00413/CHENP/2004	PCT/US02/27049	09/942, 502	United States of America	Qualcomm Incorporated, USA	Systems and techniques for power control
	Dt : 27/02/2004	Dt : 22/08/2002				
203	00414/CHENP/2004	PCT/US02/27719	No. 09/943, 277	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for multi - channel elimination in a wireless communication system
	Dt : 27/02/2004	Dt : 30/08/2002				
204	00415/CHENP/2004	PCT/DE02/02766	Nos. 101 37 178.0; 102 13 317.4; 102 17 932.8	Germany	Ernst RIES, Germany; Franz - Dietrich, Germany	Tropospheric volume elements enriched with vital elements and/ or protective substances
	Dt : 27/02/2004	Dt : 29/07/2002				
205	00416/CHENP/2004	PCT/US02/25609	Nos. 10/061, 617; 60/316, 151	United States of America	Pharmacia Corporation, USA	Alpha - haloenamine reagents
	Dt : 27/02/2004	Dt : 13/08/2002				
206	00417/CHENP/2004	PCT/KR01/01923	No. 2001 - 26394U	Korea	Shinestone co., ltd., Korea	Air pump assembly for ventilative footwear
	Dt : 27/02/2004	Dt : 12/11/2001				
207	00418/CHENP/2004	PCT/AU02/01122	No. 09/942, 547	Australia	Silverbrook Research Pty Ltd., Australia	Residue removal from nozzle guard for ink jet printhead
	Dt : 27/02/2004	Dt : 21/03/2002				
208	00419/CHENP/2004	PCT/AU02/01123	No. 09/942, 599	Australia	Silverbrook Research Pty Ltd., Australia	Residue guard for nozzle groups of an ink jet printhead
	Dt : 27/02/2004	Dt : 21/08/2002				
209	00420/CHENP/2004	PCT/AU02/01051	No. 09/942, 601	Australia	Silverbrook Research Pty Ltd., Australia	Image recordal and generation apparatus
	Dt : 27/02/2004	Dt : 06/08/2002				

210	00421/CHENP/2004	PCT/AU02/01165	No. 09/942, 602	Australia	Silverbrook Research Pty Ltd., Australia	Scanning electronic book
	Dt : 27/02/2004	Dt : 29/08/2002				
211	00422/CHENP/2004	PCT/AU02/01052	No. 09/966, 293	Australia	Silverbrook Research Pty Ltd., Australia	A keyboard
	Dt : 27/02/2004	Dt : 06/08/2001				
212	00423/CHENP/2004	PCT/AU02/01057	No. 09/942, 549	Australia	Silverbrook Research Pty Ltd., Australia	An adhesive - based ink jet print head assembly
	Dt : 27/02/2004	Dt : 06/08/2002				
213	00424/CHENP/2004	PCT/AU02/01059	No. 09/942, 605	Australia	Silverbrook Research Pty Ltd., Australia	Inkjet printhead having thermal bend actuator heating element electrically isolated from nozzle chamber ink
	Dt : 27/02/2004	Dt : 06/08/2002				
214	00425/CHENP/2004	PCT/AU02/01060	No. 09/942, 603	Australia	Silverbrook Research Pty Ltd., Australia	Printer including printhead capping mechanism
	Dt : 27/02/2004	Dt : 06/08/2002				
215	00426/CHENP/2004	PCT/AU02/01063	No. 09/942, 604	Australia	Silverbrook Research Pty Ltd., Australia	Ink supply arrangement for a portable ink jet printer
	Dt : 27/02/2004	Dt : 13/06/2002				
216	00427/CHENP/2004	PCT/SE02/01532	No. 0102866 - 1	Denmark	Eco Lean Research & Development A/S, Denmark	Container
	Dt : 27/02/2004	Dt : 28/08/2002				
217	00428/CHENP/2004	PCT/IB02/03527	No. 01203258.7	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Optical storage medium and method of manufacturing same
	Dt : 27/02/2004	Dt : 26/08/2002				
218	00429/CHENP/2004	PCT/IB02/03464	No. 0111184	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Automatic question formulation from a user selection in multimedia content
	Dt : 27/02/2004	Dt : 22/08/2002				

219	00430/CHENP/2004	PCT/IB02/02964	No. 01203212.4	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method for recording on multi-layer phase - change optical discs
	Dt : 27/02/2004	Dt : 12/07/2002				
220	00431/CHENP/2004	PCT/IB02/03539	No. 09/941, 348	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Automatic optimization of doppler display parameters
	Dt : 27/02/2004	Dt : 26/08/2002				

**NATIONAL PHASE APPLICATIONS FILED FOR THE MONTH OF MARCH -2004.**

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	00432/CHENP/2004 Dt : 01-03-04	PCT/EP02/09659 Dt : 29-08-02	101 42 284.9 60/315, 683	Germany	Basf Aktiengesellschaft, Germany	Solid-liquid reaction	
2	00433/CHENP/2004 Dt : 01-03-04	PCT/US02/27389 Dt : 28-08-02		United States of America	Schering Corporation, U.S.A.	Piperidine derivatives useful as CCR5 antagonists	
3	00434/CHENP/2004 Dt : 01-03-04	PCT/US02/26400 Dt : 19-08-02		United States of America	Cymer, Inc. U.S.A.	Laser lithography light source with beam delivery	
4	00435/CHENP/2004 Dt : 01-03-04	PCT/EP02/09608 Dt : 28-08-02	101 42 285.7	Germany	Basf Aktiengesellschaft, Germany	Polymer Composition containing at least one middle molecular weight reactive polyisobutene	
5	00436/CHENP/2004 Dt : 01-03-04	PCT/EP02/09316 Dt : 21-08-02	01120943.4	Germany	Aventis Pharma Deutschland GmbH, Germany	Use of snps of mch-r for identifying genetic disorders in maintaining the normal body weight	
6	00437/CHENP/2004 Dt : 01-03-04	PCT/US02/26394 Dt : 19-08-02	09/943, 343; 09/970; 503;	United States of America	Cymer, Inc. U.S.A.	Line selected F2 two chamber laser system	
7	00438/CHENP/2004 Dt : 01-03-04	PCT/US02/27925 Dt : 28-08-02	09/943, 343; 10/006, 913; 10/012, 002	United States of America	Cymer, Inc. U.S.A.	Very narrow band, two chamber, high rep rate gas discharge laser system	

8	00439/CHENP/2004	PCT/US02/27100	09/941, 333	United States of America	Micro Motion, Inc., U.S.A.	A majority component proportion determination of a fluid using a coriolis flowmeter
	Dt: 01-03-04	Dt: 26-08-02				
9	00440/CHENP/2004	PCT/US02/09702	09/942, 392	United States of America	The regents of the university of Colorado, U.S.A.	Mtf-improved optical system employing phase mask with unchanged phase in central region
	Dt: 01-03-04	Dt: 28-03-02				
10	00441/CHENP/2004	PCT/IB02/03566	09/943, 241	Finland	Nokia corporation, Finland	Implementation of transform and of a subsequent quantization
	Dt: 01-03-04	Dt: 27-08-02				
11	00442/CHENP/2004	PCT/EP02/09221	10142734.4; 10223273.3	Germany	Aventis Pharma Deutschland GmbH, Germany	Diaryl cycloalkyl derivatives, method for producing the same and the use thereof as ppar activators
	Dt: 01-03-04	Dt: 17-08-02				
12	00443/CHENP/2004	PCT/EP02/09661	0121024.4; 0121026.9	Switzerland Cote d'Ivoire	Novartis AG, Switzerland	Cysteine protease inhibitors with 2-cyano-4-amino-pyrimidine structure and cathepsin k inhibitory activity for the treatment of inflammations and other diseases
	Dt: 01-03-04	Dt: 29-08-02				
13	00444/CHENP/2004	PCT/EP02/09663	0121033.6	Switzerland Cote d'Ivoire	Novartis AG, Switzerland	Pyrido pyrimidines as agents for the inhibition of cysteine proteases
	Dt: 01-03-04	Dt: 29-08-02				
14	00445/CHENP/2004	PCT/NL01/00644			DSM IP Assets B.V., The Netherlands	Process for rendering metals corrosion resistant
	Dt: 01-03-04	Dt: 31-08-01				
15	00446/CHENP/2004	PCT/JP03/05418	2002-193028	Japan	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., OF 1006, OAZA KADOMA-SHI, OSAKA 571-8501, JAPAN.	MOTION VECTOR DERIVATION METHOD, MOVING PICTURE CODING METHOD AND MOVING PICTURE DECODING METHOD
	Dt: 01-03-04	Dt: 28-03-03				



16	00447/CHENP/2004	PCT/GB02/03407	01211119	RECKITT BECKISER INC., U.S.A.	Thickened toilet bowl cleaner
17	Dt : 01-03-04 00448/CHENP/2004	Dt : 25-07-02 PCT/US02/25650	09/045, 107	France Schlumberger Systemes, France; Schlumberger Technologies Operating Limited, U.S.A.,	Method and apparatus for linking converted applet files
18	Dt : 01-03-04 00449/CHENP/2004	Dt : 13-08-02 PCT/DK02/00553	PA 2001 01282	Denmark Novo Nordisk A/S, Denmark	A cartridge for liquid insulin
19	Dt : 01-03-04 00450/CHENP/2004	Dt : 23-08-02 PCT/EP02/08271	101 37 596.4	Germany SMS Meer GmbH., Germany	Method for cooling work pieces especially shape- rolled products from rail steel
20	Dt : 01-03-04 00451/CHENP/2004	Dt : 25-07-02 PCT/JP02/07842	2001-235806	Japan Nichirei Corporation, Japan	Method for detecting, identifying and counting vibrio parahaemolyticus using gene (rpoD) sequence encoding ma- polymerase 70 factor
21	Dt : 01-03-04 00452/CHENP/2004	Dt : 01-08-02 PCT/US02/07498	60/310, 196; 10/051, 497	China Abgenomics Co., Chinese	Modulators of P-selectin glycoprotein ligand1
22	Dt : 01-03-04 00453/CHENP/2004	Dt : 13-03-02 PCT/US02/027393	60/316, 144; 60/370, 177	United States of America 3M Innovative Properties Company, U.S.A.,	Methods of maturing plasmacytoid dendritic cells using immune response modifier molecules
23	Dt : 01-03-04 00454/CHENP/2004	Dt : 28-08-02 PCT/IB02/03470	01203293.4	Neherlands Koninklijke Philips electronics N.V., Netherlands	Device for use in a network environment
24	Dt : 01-03-04 00455/CHENP/2004	Dt : 23-08-02 PCT/IB02/02968	01203279.3	Neherlands Koninklijke Philips electronics N.V., Netherlands	Bandwidth extension of a sound signal
	Dt : 01-03-04	Dt : 15-07-02			

25	00456/CHENP/2004	PCT/IB02/03421	01402272.7			Neherlands	Koninklijke Philips electronics N.V., Netherlands	Method and device for sending a user data inserted in a coded video signal
	Dt : 01-03-04	Dt : 21-08-02						
26	00457/CHENP/2004	PCT/FR03/002205	02/08821			France	Snecma propulsion solide, France	Method and installation for obtaining carbon bodies from carbon precursor bodies
	Dt : 01-03-04	Dt : 11-07-03						
27	00458/CHENP/2004	PCT/US02/30308	60/317, 706			United States of America	Microdose Technologies, Inc. U.S.A.	Adaptors for inhalers to improve performance
	Dt : 03-03-04	Dt : 06-09-02						
28	00459/CHENP/2004	PCT/EP02/08276	No. 01810756.5			Switzerland	Ciba Speciality Chemicals Holding Inc., Switzerland	Crystalline forms of fluvastatin sodium
	Dt : 03-03-04	Dt : 25-07-02						
29	00460/CHENP/2004	PCT/EP02/09059	No. 101 43 120.1			Germany	LTS Lohmann Therapie - Systems AG, Germany	Container comprising a slide cover
	Dt : 03-03-04	Dt : 13-08-02						
30	00461/CHENP/2004	PCT/EP02/09484	No. 01121067.1			Neherlands	DSM IP Assets B.V., The Netherlands	Compositions comprising pectin and ascorbic acid
	Dt : 03-03-04	Dt : 24-08-02						
31	00462/CHENP/2004	PCT/NL02/00566	No. 01203314.8			Neherlands	Yamanouchi Europe B.V., Netherlands	Peptidic compounds selectively binding to P - selection
	Dt : 03-03-04	Dt : 28-08-02						
32	00463/CHENP/2004	PCT/US02/28190	09/947, 202			United States of America	ZI CORPORATION, U.S.A.	Navigation system for mobile communication devices
	Dt : 04-03-04	Dt : 04-09-02						
33	00464/CHENP/2004	PCT/US02/25414	60/312, 159			United States of America	INDUCTOTHERM CORP., U.S.A.	Power supply for induction heating or melting
	Dt : 04-03-04	Dt : 12-08-02						
34	00465/CHENP/2004	PCT/AU02/01097	PR 7040; PR7039; 2001100274; 2001100273			Australia	BIG BOTTLE I.P. PTY LTD (ACN 104 898 115K), AUSTRALIA	Liquid dispensing system apparatus
	Dt : 04-03-04	Dt : 15-08-02						

35	00466/CHENP/2004	PCT/US02/24889	60/309, 791; 10/000, 000	Luxembourg	EURO-CELTIQUE, S.A., LUXEMBOURG	Oral dosage form comprising a therapeutic agent and an adverse- effect agent
	Dt: 04-03-04	Dt: 05-08-02				
36	00467/CHENP/2004	PCT/EP02/09647	01203327.0	Netherlands	AKZO NOBEL N.V. NETHERLANDS.	Thieno (2,3-d) pyrimidines with combined lh and fish agonistic activity
	Dt: 04-03-04	Dt: 29-08-02				
37	00468/CHENP/2004	PCT/EP02/09648	01203328.8	Netherlands	AKZO NOBEL N.V. NETHERLANDS.	Glycine-substituted thieno (2,3-d) pyrimidines with combined lh and fish agonistic activity
	Dt: 04-03-04	Dt: 29-08-02				
38	00469/CHENP/2004	PCT/AU02/01058	09/944, 399		Silverbrook Research Pty Ltd., Australia	Ink supply arrangement for a printer
	Dt: 04-03-04	Dt: 06-08-02				
39	00470/CHENP/2004	PCT/JP02/08677	2001-267586	Japan	HONDA GIKEN KOGYO KABUSHIKI KAISHA, Japan	Lubricating oil passage structure in internal combustion engine
	Dt: 04-03-04	Dt: 28-08-02				
40	00471/CHENP/2004	PC GB02/04039	0121340.4	Great Britain	PROVALIS DIAGNOSTICS LIMITED, BRITISH	Device for use in fluid assay
	Dt: 04-03-04	Dt: 04-09-02				
41	00472/CHENP/2004	PCT/EP02/08335	01121122.4	United States of America	INTERNATIONAL BUSINESS MACHINES CORPORATION, U.S.A.	A sampling approach for data mining of association rules
	Dt: 04-03-04	Dt: 26-07-02				
42	00473/CHENP/2004	PCT/FR02/02976	01/11431; 60/331, 613	France	Aventis Pharma S.A., France	Enzymatic method for the enantioselective resolution of amino acids
	Dt: 04-03-04	Dt: 30-08-02				
43	00474/CHENP/2004	PCT/AU02/01120	09/944, 400	Australia	Silverbrook Research Pty Ltd., Australia	Inkjet collimator
	Dt: 04-03-04	Dt: 21-08-02				
44	00475/CHENP/2004	PCT/IB02/03546	01203348.6	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Optical data storage medium and methods for reading and writing such a medium
	Dt: 04-03-04	Dt: 28-08-02				

45	00476/CHENP/2004	PCT/IB02/03541	01203363.5	Neherlands	Koninklijke Philips Electronics, N.V., Netherlands	Audio reproducing device
	Dt : 04-03-04	Dt : 27-08-02				
46	00477/CHENP/2004	PCT/US01/27562		Israel	PEGASUS TECHNOLOGIES LTD. ISRAEL	Cylindrical ultrasound receivers and transceivers formed piezoelectric film
	Dt : 05-03-04	Dt : 06-09-01				
47	00478/CHENP/2004	PCT/US02/25114	1203351.0	United States of America	3M Innovative Properties Company, U.S.A.	Fluoropolymer dispersion containing no or little low molecular weight fluorinated surfactant
	Dt : 05-03-04	Dt : 06-08-02				
48	00479/CHENP/2004	PCT/EP02/10052	01203387.4	Neherlands	Shell Internationale Research Maatschappij B.V. The Netherlands	Adjustable well screen assembly
	Dt : 05-03-04	Dt : 04-09-02				
49	00480/CHENP/2004	PCT/US02/28620	60/317, 569	United States of America	Northwest Biotherapeutics, Inc., U.S.A.	Compositions and methods for priming monocytic dendritic cells and t cells for th-1 response
	Dt : 05-03-04	Dt : 06-09-02				
50	00481/CHENP/2004	PCT/EP02/08715	10137944.7	Germany	SMS DEMAG AG, Germany	Hot Rolling Installations
	Dt : 05-03-04	Dt : 05-08-02				
51	00482/CHENP/2004	PCT/US02/28181	60/317,715	United States of America	Schering Corporation, U.S.A.	17Beta-hydroxysteroid dehydrogenase type 3 inhibitors for the treatment of androgen dependent diseases
	Dt : 05-03-04	Dt : 05-09-02				
52	00483/CHENP/2004	PCT/FR02/03024	01/11608	France	Wheelabrator-Allevard, France	High carbon content steel or cast iron grinding medium and its manufacturing process
	Dt : 05-03-04	Dt : 05-09-02				
53	00484/CHENP/2004	PCT/EP02/08317	101 37 930.7	Germany	Basf Aktiengesellschaft, Germany	Halogen-free flame-retardant polyesters
	Dt : 05-03-04	Dt : 26-07-02				

54	00485/CHENP/2004	PCT/EP02/08136	09/921,922			Bayer Bioscience N.V., Belgium	Herbicide tolerant cotton plants and methods for producing and identifying same
	Dt : 05-03-04	Dt : 19-07-02		Israel	Burko Systems and Development Ltd, Israel	Intravenous set flow volumetric measurement device	
55	00486/CHENP/2004	PCT/JL002/25504	09/845,786				
	Dt : 05-03-04	Dt : 21-08-02		Germany	Diering, Andreas and Metzen, Peter, Germany	Method for biologically treating waste water containing dye from the textile and leather industry	
56	00487/CHENP/2004	PCT/DE02/03156	101 43 600.9				
	Dt : 05-03-04	Dt : 27-08-02					
57	00488/CHENP/2004	PCT/US02/25048	60/310,712	United States of America	Massachusetts Institute of Technology, U.S.A.,	Non-aqueous nanocomposite materials for solid acid catalysts	
58	00489/CHENP/2004	PCT/JF02/07696	2001-237913	Japan	Tokyo R & D Co., Ltd., Japan	Mobx	
	Dt : 05-03-04	Dt : 29-07-02		Ireland	Recordati Ireland Limited, Ireland	Novel crystalline polymorphic forms of loperamide hydrochloride and processes for their preparations	
59	00490/CHENP/2004	PCT/EP02/06699	MI2001A001726				Solvents of lercanidipine, hydrochloride and new crystalline forms of lercanidipine hydrochloride
	Dt : 05-03-04	Dt : 05-08-02		Ireland	Recordati Ireland Limited, Ireland	Amino-phthalazinone derivatives active as kinase inhibitors, process for their preparation and pharmaceutical compositions containing them	
60	00491/CHENP/2004	PCT/EP02/08700	MI2001A001727				
	Dt : 05-03-04	Dt : 05-08-02		Italy	Pharmacia Italia, Italy		
61	00492/CHENP/2004	PCT/EP02/08544	09/922,729				
	Dt : 05-03-04	Dt : 30-07-02					

62	00493/CHENP/2004	PCT/EP02/08713	101 38 857.8	Germany	SMS Demag AG, Germany	Equipment for coiling and uncoiling hot-rolled hot- metal pre-strips
	Dt : 08-03-04	Dt : 05-08-02				
63	00494/CHENP/2004	PCT/JP03/06593	2002-173931, 2003-43917	Japan	Toray industries, inc, Japan	Porous membrane and method of manufacturing the porous membrane
	Dt : 08-03-04	Dt : 27-05-03				
64	00495/CHENP/2004	PCT/IB02/02979	BO2001A000516	Italy	C.P.A. Colour Equipment, Italy	Device for clamping a container in a mixer for fluids
	Dt : 08-03-04	Dt : 22-07-02				
65	00496/CHENP/2004	PCT/JP02/07897	2001-243734	Japan	Nippon Chemiphar Co., Ltd, Japan	Activator of peroxisome proliferator-activated receptor
	Dt : 08-03-04	Dt : 02-08-02				
66	00497/CHENP/2004	PCT/US02/28461	60/317,858, 10/020,520, 60/356,892	United States of America	Qualcomm Incorporated, USA	Generating and implementing a communication protocol and interface for high data rate signal transfer
	Dt : 08-03-04	Dt : 06-09-02				
67	00498/CHENP/2004	PCT/EP02/08588	MI01A001758	Switzerland Cote d'Ivoire	Ciba Speciality chemicals Holding Inc., Switzerland	Isoxazoline derivatives as P,N ligands
	Dt : 08-03-04	Dt : 01-08-02				
68	00499/CHENP/2004	PCT/AU01/01122		Australia	NU-LOK ROOFING SYSTEMS PTY LTD, Australia and HICK, Robert, Mainland, Australia	Weather strips
	Dt : 08-03-04	Dt : 07-09-01				
69	00500/CHENP/2004	PCT/GB02/03701	0119459.6, 0202389.3	United Kingdom	Virgin Atlantic Airways limited, United Kingdom	A seating system and a passenger accommodation unit for a vehicle
	Dt : 08-03-04	Dt : 09-08-02				
70	00501/CHENP/2004	PCT/EP01/09231		Finland	Nokia Corporation, Finland	Diversity transmitter and diversity transmission method
	Dt : 08-03-04	Dt : 09-08-01				

71	00502/CHENP/2004	PCT/SK02/00018	60/310,546	Slovakia	Kuzmik, Slovakia	High electron mobility devices
	Dt: 08-03-04	Dt: 15-07-02				
72	00503/CHENP/2004	PCT/CH02/00492	01810870.4	Switzerland Cote d'Ivoire	ABB Schweiz Ag, Switzerland	Power semiconductor module capable of pressure contact
	Dt: 08-03-04	Dt: 09-09-02				
73	00504/CHENP/2004	PCT/IL02/00750	No. 09/948, 621	Israel	Ramot At Tel Aviv University Ltd., Israel	Aryloxypropylamines as chemosensitizing agents in the treatment of cancer
	Dt: 09-03-04	Dt: 10-09-02				
74	00505/CHENP/2004	PCT/US02/24510	No. 09/949, 948	United States of America	3M Innovative Properties Company, U.S.A.	Backlighting transmissive displays
	Dt: 09-03-04	Dt: 31-07-02				
75	00506/CHENP/2004	PCT/CA02/01366	No. 60/317, 969	Canada	Microbridge technologies Inc., Canada	Method for trimming resistors
	Dt: 09-03-04	Dt: 10-09-02				
76	00507/CHENP/2004	PCT/US02/28678	No. 09/952, 722	United States of America	Qualcomm Incorporated, USA	Method and apparatus for efficient transfer of data between custom application specific integrated circuit hardware and an embedded microprocessor
	Dt: 09-03-04	Dt: 10-09-02				
77	00508/CHENP/2004	PCT/US02/28737	No. 60/322, 231	United States of America	ZymoGenetics, Inc., USA	Method for treating coumarin - induced hemorrhage
	Dt: 09-03-04	Dt: 10-08-02				
78	00509/CHENP/2004	PCT/DK02/00507	No. PA 2001 1208	Netherlands	SICCO K/S., Denmark	Method for transfer of particulate solid products between zones of different pressure
	Dt: 09-03-04	Dt: 22-07-02				
79	00510/CHENP/2004	PCT/CH02/00502	No. 101 44 570.9	Switzerland Cote d'Ivoire	Maschinenfabrik Rieter AG, Switzerland	Spinning frame with suction device
	Dt: 09-03-04	Dt: 11-09-02				

80	00511/CHENP/2004	PCT/EP02/03564	01203406.2	Neherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method and device for providing conditional access
	Dt: 09-03-04	Dt: 29-08-02				
81	00512/CHENP/2004	PCT/US02/26751	09/952, 847	United States of America	Ion Beam Applications, Inc., U.S.A.	Method and apparatus for simulating a radiation dose delivered to an object
	Dt: 10-03-04	Dt: 23-08-02				
82	00513/CHENP/2004	PCT/EP02/09630	No. 10144412.5	Germany	Bayer Cropscience GmbH, Germany	Method for producing 3-Brithomethylbenzoic acids
	Dt: 10-03-04	Dt: 29-08-02				
83	00514/CHENP/2004	PCT/US02/27960	09/950, 744	United States of America	Qualcomm Incorporated, USA	Spread spectrum receiver with frequency tracking which uses pilots signals
	Dt: 10-03-04	Dt: 29-08-02				
84	00515/CHENP/2004	PCT/EP02/07601	Nos. 101 38 309.6, 101 38 624.9	Germany	MAX BOGL Bauntechnik GmbH & Co. KG, Germany	Rigid track bed
	Dt: 10-03-04	Dt: 09-07-02				
85	00516/CHENP/2004	PCT/EP02/06275	No. 10144410.9	Germany	Bayer Cropscience GmbH, Germany	Method for producing 4-halobenzylsuccinic acid esters
	Dt: 10-03-04	Dt: 25-07-02				
86	00517/CHENP/2004	PCT/US02/25155	No. 60/311, 459	United States of America	Teneco Development Corporation, USA	Fuel processors utilizing heat pipe cooling
	Dt: 10-03-04	Dt: 12-08-02				
87	00518/CHENP/2004	PCT/US02/28603	Nos. 60/318, 289; 60/363, 498	United States of America	Meso scale technologies, LLC., USA	Assay buffer, compositions containing the same, and methods of using the same
	Dt: 10-03-04	Dt: 10-09-02				
88	00519/CHENP/2004	PCT/US02/28652	Nos. 60/318, 289; 60/318, 284; 60/318, 289; 60/363, 498	United States of America	Meso scale technologies, LLC., USA	Methods and apparatus for conducting multiple measurements on a sample
	Dt: 10-03-04	Dt: 10-09-02				



89	60520/CHENP/2004	PCT/CH02/00001	No. 10145671.9	Switzerland Cote d'Ivoire	Maschinenfabrik Rieter AG, Switzerland	Method and device for the pneumatic compaction of a fibre structure
	Dt: 10-03-04	Dt: 11-09-02				
90	00521/CHENP/2004	PCT/CH02/00006	No. 01810886.6	Switzerland Cote d'Ivoire	ABB Turbo systems AG, Switzerland	Turboscharger with torsional vibration damper
	Dt: 10-03-04	Dt: 13-08-02				
91	00522/CHENP/2004	PCT/GB02/001497	No. 0119816.1	Great Britain	DUNNE, Terence, Patrick, Great Britain; BIRD, Graham, Great Britain; STUBBING, Thomas, Great Britain	Process of organic material
	Dt: 10-03-04	Dt: 28-03-02				
92	00523/CHENP/2004	PCT/JP03/08576	Nos. 2002 - 202781; 2002 - 207681; 2003 - 006198	Japan	Matsushita Electric Industrial Co., Ltd., Japan	Picture encoding method and picture decoding method
	Dt: 11-03-04	Dt: 07-07-03				
93	00524/CHENP/2004	PCT/EP02/10041	No. 01203455.9	Netherlands	Akzo Nobel N.V., Netherlands	17-Alpha - Hydroxy - 14Beta - Steroids with hormonal effect
	Dt: 11-03-04	Dt: 08-09-02				
94	00525/CHENP/2004	PCT/EP02/08571	No. 10144614.4	Germany	SMS Demag AG, Germany	Converter gearing
	Dt: 11-03-04	Dt: 28-08-02				
95	00526/CHENP/2004	PCT/JP03/08070	No. 2002 - 202786	Japan	Matsushita Electric Industrial Co., Ltd., Japan	Filtering strength determination method, moving picture coding method and moving picture decoding method
	Dt: 11-03-04	Dt: 26-06-03				
96	00527/CHENP/2004	PCT/EP02/09119	Nos. EP01/10662; EP01/10635; 02250068.0	Netherlands	Akzo Nobel Coatings International B.V., Netherlands	Coating composition for metal substrates
	Dt: 11-03-04	Dt: 13-08-02				
97	00528/CHENP/2004	PCT/EP02/10194	60/318, 694; 60/331, 025; 60/322, 044; 60/338, 163;	Switzerland Cote d'Ivoire	Novartis AG, Switzerland	Use of 4- pyridylmethylphthalazines for cancer treatment
	Dt: 11-03-04	Dt: 11-09-02				

98	00529/CHENP/2004 Dt: 12-03-04	PCT/DK02/00595 Dt: 13-09-02	60/323, 925; 60/396, 051; PA 2001 01337; PA 2002 01066	Denmark	NOVO NORDISK A/S DENMARK	Novel ligands for the hisb10 zn2+ sites of the r-state insulin hexamer
99	00530/CHENP/2004 Dt: 12-03-04	PCT/EP02/09913 Dt: 04-09-02	01121981.3; 02001968.3	Netherlands	DSM IP ASSETS B.V., THE NETHERLANDS	Colorant for food and pharmaceuticals
100	00531/CHENP/2004 Dt: 12-03-04	PCT/GB02/04099 Dt: 09-09-02	0122191.0	British Virgin Isles.	STEADMAN, BRITISH	Hose clamp arrangement
101	00532/CHENP/2004 Dt: 12-03-04	PCT/EP02/10314 Dt: 13-09-02	0122318.9	Switzerland Cote d'Ivoire	Novartis Ag of Lichtstrasse, Switzerland	Ophthalmic depot formulations for periocular or subconjunctival administration
102	00533/CHENP/2004 Dt: 12-03-04	PCT/US02/28679 Dt: 10-09-02	09/954, 699	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for detecting excess delay in a communication signal
103	00534/CHENP/2004 Dt: 12-03-04	PCT/JP02/09213 Dt: 10-09-02	2001-277700	Japan	Sumitomo Chemical Company Limited, Japan	Process for producing cumene
104	00535/CHENP/2004 Dt: 12-03-04	PCT/JP02/09212 Dt: 10-09-02	2001-277701	Japan	Sumitomo Chemical Company Limited, Japan	Process for producing cumene
105	00536/CHENP/2004 Dt: 12-03-04	PCT/EP02/07544 Dt: 06-07-02	10138803.9	Germany	MAX BOGL Bauunternehmung GmbH & Co. KG, Germany	Method for the continuous laying of a rail on a rigid track, as well as rigid track
106	00537/CHENP/2004 Dt: 12-03-04	PCT/EP02/09748 Dt: 31-08-02	101 45 415.5	Germany	Aloys Wobben, Germany	Measuring transducer
107	00538/CHENP/2004 Dt: 12-03-04	PCT/US02/25922 Dt: 13-08-02	60/311, 870	United States of America	University of Florida Research Foundation, U.S.A.	Materials and methods to promote repair of nerve tissue

108	00539/CHENP/2004	PCT/IL02/00665	60/312, 209	Israel	Store Age Networking Technologies, Israel	Asynchronous mirroring in a storage area network
	Dt: 12-03-04	Dt: 13-08-02				
109	00540/CHENP/2004	PCT/US02/29144	09/951, 091	United States of America	Dayco Products, LLC, U.S.A.	Low permeation nylon tube with aluminum barrier layer
	Dt: 12-03-04	Dt: 12-09-02		Germany	Aloys Wobben, Germany	Wind turbine power module mounted on the tower foundation
110	00541/CHENP/2004	PCT/EP02/10212	101 45 414.7			
	Dt: 12-03-04	Dt: 12-09-02		United States of America	BECTON, DICKINSON AND COMPANY, U.S.A.	Microneedle-based pen device for drug delivery and method for
111	00542/CHENP/2004	PCT/US02/28785	60/318, 886; 60/318, 913	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for efficient transfer of data between custom application specific integrated circuit hardware and an embedded microprocessor
	Dt: 12-03-04	Dt: 11-09-02				
112	00543/CHENP/2004	PCT/US02/28677	09/950, 742	United States of America	Trex Enterprises Corporation, U.S.A.	Cellular telephone system with free space millimeter wave trunk line
	Dt: 12-03-04	Dt: 10-09-02		Canada	STEM CELL THERAPEUTICS INC. Canada	Prolactin induced increase in neural stem cell numbers and therapeutic use thereof
113	00544/CHENP/2004	PCT/US02/29098	09/952, 591			
	Dt: 12-03-04	Dt: 13-09-02		Germany	Basf Aktiengesellschaft, Germany	Herbicide mixtures based on 3-phenyluracils
114	00545/CHENP/2004	PCT/CA02/01345	60/322, 514; 60/386, 404			
	Dt: 12-03-04	Dt: 30-08-02		United States of America	Pulse Entertainment Inc, U.S.A.	Automatic 3D modeling system and method
115	00546/CHENP/2004	PCT/EP02/10136	60/318, 834; 60/333, 135			
	Dt: 12-03-04	Dt: 10-09-02				
116	00547/CHENP/2004	PCT/US02/25933	10/219, 041; 10/219119; 60/312, 384	United States of America		
	Dt: 12-03-04	Dt: 14-08-02				

117	00548/CHENP/2004	PCT/EP02/09973	101 45 019.2	Germany	BAYER CROPSOURCE GmbH, Germany	Combinations of herbicides and safeners
	Dt : 12-03-04	Dt : 06-09-02				
118	00549/CHENP/2004	PCT/US02/2933	60/322, 318	United States of America	Aventis Pharmaceuticals, Inc. U.S.A. & Ays Pharmaceuticals, Inc. U.S.A.	Novel compounds and compositions as cathepsin inhibitors
	Dt : 12-03-04	Dt : 16-09-02				
119	00550/CHENP/2004	PCT/DE02/03394	02000758.9; 10145419.8	Germany	Beckmann, Alexander, Germany	Process for the extraction of cobalt and nickel from ores and ore concentrates
	Dt : 12-03-04	Dt : 14-09-02				
120	00551/CHENP/2004	PCT/IB02/04132	60/318, 994; 60/374, 145	Switzerland Syria Spain	Cytos Biotechnology AG, Switzerland	Packaging of immunostimulatory substances into virus-like particles, method of preparation and use
	Dt : 12-03-04	Dt : 16-09-02				
121	00552/CHENP/2004	PCT/IB02/03744	09/954, 574	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method and apparatus for defibrillating patients of all ages
	Dt : 12-03-04	Dt : 11-09-02				
122	00553/CHENP/2004	PCT/CN02/00645	01128599.0	China	HAO, Zhigang, China	Horizontal Roller Mill
	Dt : 15-03-04	Dt : 13-09-02				
123	00554/CHENP/2004	PCT/FR02/03166	01/12040	France	Rhodia Polymide Intermediates, France	Method of producing nitrile compounds
	Dt : 15-03-04	Dt : 17-09-02				
124	00555/CHENP/2004	PCT/US02/26573	60/313, 629; 60/337, 222	United States of America	University of Connecticut Health Center, U.S.A.,	Methods for preparing compositions comprising heat shock proteins or alpha-2-macroglobulin useful for the treatment of cancer and infectious disease
	Dt : 15-03-04	Dt : 20-08-02				

125	00556/CHENP/2004	PCT/FR02/03167	01/12/2039	France	Rhodia Polymide Intermediates, France	Method for making adipic acid crystals and resulting crystals
	Dt : 15-03-04	Dt : 17-09-02				
126	00557/CHENP/2004	PCT/US02/28053	09/955, 623	United States of America	Insulet Corporation, U.S.A.	Plunger for patient infusion device
	Dt : 15-03-04	Dt : 04-09-02				
127	00558/CHENP/2004	PCT/EP02/11131	0122560.6; 60/355, 860	France	Aventis Pharma S.A., France	Chemical Compounds
	Dt : 15-03-04	Dt : 17-09-02				
128	00559/CHENP/2004	PCT/US02/25184	60/312, 874; 60/335, 430	United States of America	Dow Global Technologies, USA	Improved seating system
	Dt : 15-03-04	Dt : 12-08-02				
129	00560/CHENP/2004	PCT/JP02/008954	02 015 606.3	Japan	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JAPAN	Moving picture-coding apparatus and moving picture decoding apparatus
	Dt : 15-03-04	Dt : 15-07-03				
130	00561/CHENP/2004	PCT/US02/25801	09/929, 030	United States of America	MeshNetworks, Inc., U.S.A.	Movable access points and repeaters for minimizing coverage and capacity constraints in a wireless communications network and a method for using the same
	Dt : 15-03-04	Dt : 15-08-02				
131	00562/CHENP/2004	PCT/CH02/00498	01810903.3	Switzerland	Inventio AG, Switzerland	Safety Circuit for lift doors
	Dt : 15-03-04	Dt : 11-09-02		Cote d'Ivoire		
132	00563/CHENP/2004	PCT/US02/25698	09/929, 031	United States of America	MeshNetworks, Inc., U.S.A.	A system and method for performing soft handoff in a wireless data network
	Dt : 15-03-04	Dt : 14-08-02				
133	00564/CHENP/2004	PCT/GB02/04226	0122525.9; 0209497.7	United States of America	Air Products and Chemicals Inc., U.S.A.,	Tenderization of poultry meat
	Dt : 15-03-04	Dt : 17-09-02				

134	00565/CHENP/2004	PCT/EP02/10540	1738/01	Switzerland Cote d'Ivoire	Syngenta Participations, Switzerland	Herbicide Composition
	Dt : 16-03-04	Dt : 19-09-02				
135	00566/CHENP/2004	PCT/US02/22472	09/931, 484		FISHER CONTROLS INTERNATIONAL LLC., U.S.A.,	Fluid pressure reduction device
	Dt : 16-03-04	Dt : 11-07-02				
136	00567/CHENP/2004	PCT/US02/23231	09/954, 366	United States of America	3M Innovative Properties Company, U.S.A.,	Method for producing shaped elastic ears in disposable absorbent articles
	Dt : 16-03-04	Dt : 16-07-02				
137	00568/CHENP/2004	PCT/US02/25033	09/957, 724	United States of America	3M Innovative Properties Company, U.S.A.,	Cholesteric liquid crystal optical bodies and methods of manufacture and use
	Dt : 17-03-04	Dt : 07-08-02				
138	00569/CHENP/2004	PCT/EP02/10588	01122763.4	Germany	Claudius Peters Technologies GmbH, Germany	Pneumatic conveyor device and method
	Dt : 17-03-04	Dt : 20-09-02				
139	00570/CHENP/2004	PCT/US02/26025	09/933, 502	United States of America	HILL-ROM SERVICES, INC U.S.A.	Medical gas alarm system
	Dt : 17-03-04	Dt : 15-08-02				
140	00571/CHENP/2004	PCT/EP01/13970	101 40 772.6	Germany	Zimmer Aktiengesellschaft, Germany	Methods for removing heavy metals from media containing heavy metals by means of a lyocell moulded body, cellulosic moulded body comprising adsorbed heavy metals, and the use of the same.
	Dt : 17-03-04	Dt : 29-11-01				
141	00572/CHENP/2004	PCT/IB02/03691	PCT/SG01/00193	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Optical unit for an optical scanning device
	Dt : 17-03-04	Dt : 09-09-02				
142	00573/CHENP/2004	PCT/EP02/10433	01203850.1	Netherlands	SOLVAY PHARMACEUTICALS B.V., The Netherlands	Novel 4, 5-dihydro-1H- pyrazole derivatives having CB1-Antagonistic activity
	Dt : 17-03-04	Dt : 17-09-02				

143	00574/CHENP/2004	PCT/EP02/10434	01203851.9			Netherlands	SOLVAY PHARMACEUTICALS B.V., The Netherlands	1H-Imidazole derivatives having CB1 Agonists, CB1 Partial agonistic or CB1-Antagonistic activity
	Dt : 17-03-04	Dt : 17-09-02						
144	00575/CHENP/2004	PCT/EP02/10435	01203849.3			Netherlands	SOLVAY PHARMACEUTICALS B.V., The Netherlands	4,5-Dihydro-1H-pyrazole derivatives having potent CB1-antagonistic activity
	Dt : 17-03-04	Dt : 17-09-02						
145	00576/CHENP/2004	PCT/IN01/00159				India	Blocon Limited, 20th km Hosur Road, Electronics city, Bangalore 561 228.	Modified Alumina Catalyst
	Dt : 17-03-04	Dt : 20-09-01						
146	00577/CHENP/2004	PCT/JP02/09320	2001-288715; 2001-288716; 2001-288717			Japan	Sumitomo Chemical Company Limited,	Process for producing propylene oxide
	Dt : 18-03-04	Dt : 12-09-02						
147	00578/CHENP/2004	PCT/EP02/10421	101 48 899.8; 02008878.7			Germany	Ing.Erich Pfeiffer GmbH, Germany	Dosing device with a medium reservoir and a pumping device for the same
	Dt : 18-03-04	Dt : 17-09-01						
148	00579/CHENP/2004	PCT/EP02/10398	101 48 899.8; 02008877.9			Germany	Ing.Erich Pfeiffer GmbH, Germany	Dosing device with a pumping device
	Dt : 18-03-04	Dt : 17-09-02						
149	00580/CHENP/2004	PCT/EP02/09046	01810617.5			Switzerland Cote d'Ivoire	Ciba speciality chemicals holding inc., Switzerland	Process for the preparation of indole derivatives
	Dt : 18-03-04	Dt : 13-08-02						
150	00581/CHENP/2004	PCT/EP02/10420	101 48 899.8; 02008876.1			Germany	Ing.Erich Pfeiffer GmbH, Germany	Dosing device with a medium reservoir, as well as a pumping device
	Dt : 18-03-04	Dt : 17-09-02						
151	00582/CHENP/2004	PCT/FR02/03238	01/12208			Sweden	Eka Chemicals AB, Sweden	Crosslinked three- dimensional polymer network, method for preparing same, support material comprising same and uses thereof
	Dt : 18-03-04	Dt : 23-09-02						

152	00583/CHENP/2004	PCT/US03/31127	10/262, 063; 10/406, 570	United States of America	McGraw-Edison Company, U.S.A.	Make-before-break selector switch
	Dt: 19-03-04	Dt: 09-12-03				
153	00584/CHENP/2004	PCT/IN02/00214	10/032, 506	India	M/s. Real Image Media Technologies Pvt. Ltd., India	Media and advertisement distribution and tracking system and method of operation
	Dt: 19-03-04	Dt: 18-10-02				
154	00585/CHENP/2004	PCT/IN02/00215	10/035, 921	India	M/s. Real Image Media Technologies, India	Remotely configurable media and advertisement player and methods of manufacture and operation thereof
	Dt: 19-03-04	Dt: 18-10-02				
155	00586/CHENP/2004	PCT/US01/26543		United States of America	Mr. Cook, Mathew, R., U.S.A.	Beverage container holder
	Dt: 19-03-04	Dt: 24-08-01				
156	00587/CHENP/2004	PCT/US02/30013	09/961, 565; 09/992, 778; 10/022, 303	United States of America	M/s. Capella Photonics, Inc., U.S.A.	Free-space optical systems for wavelength switching and spectral monitoring applications
	Dt: 19-03-04	Dt: 19-09-02				
157	00588/CHENP/2004	PCT/GB02/04218	0122903.8	Switzerland Cote d'Ivoire	Great Lakes Chemical (Europe) GmbH, Switzerland	Sulphonation of Phenols
	Dt: 19-03-04	Dt: 18-09-02				
158	00589/CHENP/2004	PCT/EP02/09195	101 41 180.4	Germany	SMS DEMAG AG, Germany	Rolling mill stand for the rolling of different rolled stock which require different rolling forces
	Dt: 19-03-04	Dt: 16-08-02				
159	00590/CHENP/2004	PCT/US02/25431	09/934, 951	United States of America	PARDALIS SOFTWARE, INC., U.S.A.	Informational object authoring and distribution system
	Dt: 19-03-04	Dt: 13-08-02				
160	00591/CHENP/2004	PCT/US02/29893	09/957, 814	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for wireless vehicle location
	Dt: 19-03-04	Dt: 20-09-02				



161	00592/CHENP/2004	PCT/KR02/01801	2001-60239; 2002-52287	Korea	Samsung Electronics Co. Ltd, Korea	Method and apparatus for recording video data, and information storage medium thereby
	Dt : 22-03-04	Dt : 24-09-02				
162	00593/CHENP/2004	PCT/US02/29879	60/325, 130	United States of America	Merck & Co., Inc. U.S.A.	Process for making carbapenem Compounds
	Dt : 22-03-04	Dt : 20-09-02				
163	00594/CHENP/2004	PCT/US02/25870	09/939,071	United States of America	Dov Pharmaceutical Inc., U.S.A.	(-)-2-(3,4-Dichlorophenyl)-3-azabicyclo(3.1.0) hexane, compositions thereof, and uses as dopamine-reuptake inhibitor
	Dt : 22-03-04	Dt : 14-08-02				
164	00595/CHENP/2004	PCT/FI02/00757	20011872	Finland	PREMIX OY, FINLAND	Electrically conductive thermoplastic elastomer composite
	Dt : 22-03-04	Dt : 23-09-02				
165	00596/CHENP/2004	PCT/EP02/09193	10141567.2	Germany	SMS DEMAG AG, Germany	Coiler for metal strip, especially steel strip
	Dt : 22-03-04	Dt : 16-08-02				
166	00597/CHENP/2004	PCT/US02/27253	60/314, 801	United States of America	Gonda, U.S.A.	Method and apparatus for translating sdh/sonet frames to ethernet frames
	Dt : 22-03-04	Dt : 26-08-02				
167	00598/CHENP/2004	PCT/EP02/10511	01122906.9	Switzerland	F. Hoffmann - La Roche Cote d'Ivoire AG, Switzerland	Enzymatic process for the preparation of substituted 2-amino-3-(2-amino-phenylsulfonyl)-propionic acid
	Dt : 22-03-04	Dt : 19-09-02				
168	00599/CHENP/2004	PCT/US02/27006	60/313, 973	United States of America	FLYNN, U.S.A.,	Method and apparatus for performing stretching exercises
	Dt : 22-03-04	Dt : 22-08-02				
169	00600/CHENP/2004	PCT/EP02/11353	01402460.8	France	Aventis Pharma S.A., France	Substituted benzimidazole compounds and their use for the treatment of cancer
	Dt : 23-03-04	Dt : 26-09-02				

170	00601/CHENP/2004	PCT/GB02/03924	0120644.0	United Kingdom	Minimodal Limited, U.K.,	Load Carrier
	Dt : 23-03-04	Dt : 27-08-02				
171	00602/CHENP/2004	PCT/CA02/01324	60/316, 093	Canada	MERCK FROSST CANADA & CO., Canada	Alkyne-aryl phosphodiesterase-4 inhibitors
	Dt : 23-03-04	Dt : 27-08-02				
172	00603/CHENP/2004	PCT/US02/29669	60/324, 566	United States of America	TOSK, INC., U.S.A.,	Reduced toxicity cisplatin formulations and methods for using the same
	Dt : 23-03-04	Dt : 20-09-02				
173	00604/CHENP/2004	PCT/IB02/03695	01402455.8	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Software support for virtual machine interpreter (vml) acceleration hardware
	Dt : 23-03-04	Dt : 06-09-02				
174	00605/CHENP/2004	PCT/JP02/09619	2001-295408	Japan	Idemitsu Petrochemical Co. Ltd., Japan	Process for producing alpha-olefin oligomers
	Dt : 24-03-04	Dt : 19-09-02				
175	00606/CHENP/2004	PCT/EP02/10627	101 48 225.6	Germany	ALOYS WOBLEN, Germany	Method for operating a wind park
	Dt : 24-03-04	Dt : 21-09-02				
176	00607/CHENP/2004	PCT/EP02/10631	1752/01, 460/02	Switzerland Syria Spain	Syngenta Participations, Switzerland	Herbicide Composition
	Dt : 24-03-04	Dt : 26-09-02				
177	00608/CHENP/2004	PCT/US02/25996	09/996, 557	United States of America	3M Innovative Properties Company, U.S.A.,	Polarization rotators, articles containing polarization rotators, and methods for making and using the same
	Dt : 24-03-04	Dt : 14-08-02				
178	00608/CHENP/2004	PCT/US02/26234	09/996, 417	United States of America	3M Innovative Properties Company, U.S.A.,	Methods for making polarization rotators and articles containing the polarization rotators
	Dt : 24-03-04	Dt : 16-08-02				

179	00610/CHENP/2004	PCT/US02/23049	60/324, 434	United States of America	BECTON, DICKINSON AND COMPANY, U.S.A.	Single use syringe and plunger rod locking device therefor
	Dt : 24-03-04	Dt : 19-07-02				
180	00611/CHENP/2004	PCT/US02/30345	09/965, 204	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for varying the length of an adaptive equalizer based on doppler frequency
	Dt : 24-03-04	Dt : 24-09-02				
181	00612/CHENP/2004	PCT/SE02/01480	0103189-7	Sweden	Doxa Aktiebolag, Sweden	Method for manufacturing a powdered material, the powdered material and a ceramic material manufactured therefrom
	Dt : 24-03-04	Dt : 21-08-02				
182	00613/CHENP/2004	PCT/US02/30304	60/324, 277	United States of America	MeshNetworks, Inc., U.S.A.	A system and method employing algorithms and protocols for optimizing carrier sense multiple access (csma) protocols in wireless networks
	Dt : 24-03-04	Dt : 25-09-02				
183	00614/CHENP/2004	PCT/US02/30344	09/965, 189	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for efficient use of communication resources in a cdma communication system
	Dt : 24-03-04	Dt : 24-09-02				
184	00615/CHENP/2004	PCT/US02/29894	09/965, 187	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for optimizing system-access and soft handoff parameters based on location information
	Dt : 24-03-04	Dt : 20-09-02				
185	00616/CHENP/2004	PCT/US02/30438	09/965, 205	United States of America	Qualcomm Incorporated, U.S.A.	Ceasing Transmission of data rate control information in a cdma communication system when the mobile station transmits to the idle open state
	Dt : 24-03-04	Dt : 24-09-02				

186	00617/CHENP/2004	PCT/SE02/01481	0103190-5; 0201067-6	Sweden	Doxa Aktiebolag, Sweden	Powdered material and ceramic material manufactured therefrom
	Dt : 24-03-04	Dt : 21-08-02				
187	00618/CHENP/2004	PCT/US02/34300	10/007, 851	United States of America	Speciality Minerals (Michigan) Inc., U.S.A.	Method composition and apparatus for controlled concrete
	Dt : 25-03-04	Dt : 25-10-02				
188	00619/CHENP/2004	PCT/EP02/10829	1781/01	Switzerland Cote d'Ivoire	Syngenta Participations, Switzerland	Herbicide Composition
	Dt : 25-03-04	Dt : 26-09-02				
189	00620/CHENP/2004	PCT/US02/30729	09/966, 158	United States of America	PCBU Services, Inc., U.S.A.,	Materials and methods for the production and purification of chlorofluorocarbons and hydrofluorocarbons
	Dt : 25-03-04	Dt : 27-09-02				
190	00621/CHENP/2004	PCT/US02/27576	60/316, 653	United States of America	CORCEPT THERAPEUTICS, INC., U.S.A.,	Methods for inhibiting cognitive deterioration in adults with down's syndrome
	Dt : 25-03-04	Dt : 27-08-02				
191	00622/CHENP/2004	PCT/EP02/10330	101 48 290.6	Germany	BAYER CROPSOURCE GmbH, Germany	Heterocyclic-amides processes for their preparation, compositions comprising them and their use
	Dt : 25-03-04	Dt : 14-09-02				
192	00623/CHENP/2004	PCT/US02/27485	60/315, 043; 60/315, 044	United States of America	POREX CORPORATION, U.S.A.,	Multi-layer coated porous materials and methods making the same
	Dt : 25-03-04	Dt : 27-08-02				
193	00624/CHENP/2004	PCT/JP02/09874	2001-292853	Japan	NIPPON KAYAKU KABUSHIKI KAISHA, JAPAN	New anthrapyridone compounds, water-base magenta ink compositions and method of ink-jet recording
	Dt : 25-03-04	Dt : 25-09-02				
194	00625/CHENP/2004	PCT/EP02/09285	101 42 179.6	Germany	SMS DEMAG AG, Germany	Method and device for winding a thin metal strip, especially a hot rolled or cold rolled thin steel strip
	Dt : 25-03-04	Dt : 20-08-02				

195	00626/CHENP/2004	PCT/EP02/10890	0123400.4		Switzerland Cote d'Ivoire	Novartis AG of Lichtstrasse, Switzerland	Pharmaceutical compositions comprising colloidal silicon dioxide
	Dt : 25-03-04	Dt : 27-09-02					
196	00627/CHENP/2004	PCT/EP02/10030	101 48 135.7; 101 60 739.3		Germany	SMS DEMAG AG, Germany	Method and device for cooling the copper plates of a continuous casting ingot mould for liquid metals, especially liquid steel
	Dt : 25-03-04	Dt : 07-09-02					
197	00628/CHENP/2004	PCT/EP02/10618	01123496.0		Switzerland Cote d'Ivoire	F. Hoffmann - La Roche AG, Switzerland	Quinoline derivatives as neuropeptide y antagonists
	Dt : 25-03-04	Dt : 20-09-02					
198	00629/CHENP/2004	PCT/IN01/00161			India	Biocon Limited, 20th km Hosur Road, Electronics city, Bangalore 561 229.	Process for producing pravastatin sodium salt using streptomycetes flavidevirins DSM 14455
	Dt : 26-03-04	Dt : 27-09-01					
199	00630/CHENP/2004	PCT/AU02/00990			Australia	Mr. Smith, Graham Hubert, 15 Randall Court, Collaroy, New South Wales 2097, Australia	Anal Cleaning Device
	Dt : 26-03-04	Dt : 25-07-02					
200	00631/CHENP/2004	PCT/IB02/03732	09/965, 185		Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Liquid crystal displays with reduced flicker
	Dt : 26-03-04	Dt : 11-09-02					
201	00632/CHENP/2004	PCT/US02/30835	09/967, 878		United States of America	NETSCREEN TECHNOLOGIES INC., U.S.A.	Method and apparatus for implementing a layer 3/layer 7 firewall in an I2 devices NETSCREEN TECHNOLOGIES INC., U.S.A.
	Dt : 26-03-04	Dt : 26-09-02					
202	00633/CHENP/2004	PCT/US02/29053	09/967, 635		United States of America	Qualcomm Incorporated, U.S.A.	Contacting a device on a private network using a domain name server
	Dt : 26-03-04	Dt : 13-09-02					

203	00634/CHENP/2004	PCT/US02/30339	09/967, 653	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for multi-channel reverse link outer-loop power control
	Dt : 26-03-04	Dt : 24-09-02				
204	00635/CHENP/2004	PCT/US02/30335	09/967, 783	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for improving data throughput
	Dt : 26-03-04	Dt : 24-09-02				
205	00636/CHENP/2004	PCT/US02/27877	09/941, 948	United States of America	Longwood Pharmaceutical Research, Inc., U.S.A.,	Combination dosage form containing a cholesterol-lowering agent, a renin-angiotensin inhibitor, and aspirin
	Dt : 26-03-04	Dt : 28-08-02				
206	00637/CHENP/2004	PCT/US02/30388	09/965, 079	United States of America	Qualcomm Incorporated, U.S.A.	Handoff method and apparatus with dual pilots in a communication system
	Dt : 26-03-04	Dt : 24-09-02				
207	00638/CHENP/2004	PCT/US02/31118	60/325, 701; 60/413, 009	United States of America	Qualcomm Incorporated, U.S.A.	Electrically tunable bandpass filters
	Dt : 26-03-04	Dt : 27-09-02				
208	00639/CHENP/2004	PCT/EP02/10557	60/325, 389	Switzerland Cote d'Ivoire	F. Hoffmann - La Roche AG, Switzerland	Indole derivatives as cox II inhibitors
	Dt : 26-03-04	Dt : 20-09-02				
209	00640/CHENP/2004	PCT/JP02/09245	2001-298414; 2001-374856	Japan	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JAPAN	An encryption device, a decrypting device, a secret key generation device, a copyright protection system and a cipher communication device
	Dt : 26-03-04	Dt : 11-09-02				
210	00641/CHENP/2004	PCT/DK02/00635	PA 2001 01413	Switzerland Cote d'Ivoire	NOVO NORDISK HEALTH CARE AG, SWITZERLAND	Human coagulation factor VII polypeptides
	Dt : 26-03-04	Dt : 26-09-02				
211	00642/CHENP/2004	PCT/IL02/00795	60/324, 936	Israel	Ramot At Tel Aviv University Ltd., & Bar-Ilan University, Israel	Conjugated anti-psychotic drugs and uses thereof
	Dt : 26-03-04	Dt : 29-09-02				

212	00643/CHENP/2004	PCT/JP02/10099	2001-299205	Japan	Ihara Chemical Industries Co., Ltd., & Kumiai Chemical Industry Co., Ltd., Japan	Process for producing (2-nitrophenyl) acetonitrile derivative and intermediate thereon
	Dt : 26-03-04	Dt : 27-09-02				
213	00644/CHENP/2004	PCT/US02/30386	09/965, 341	United States of America	Qualcomm Incorporated, U.S.A.	Communication system receiver and method for concurrent receiving of multiple channels
	Dt : 26-03-04	Dt : 24-09-02				
214	00645/CHENP/2004	PCT/US02/30749	60/325, 279; 10/078, 771	United States of America	3M Innovative Properties Company, U.S.A.	Pavement markings comprising synthetic polymeric fibers
	Dt : 26-03-04	Dt : 26-09-02				
215	00646/CHENP/2004	PCT/US02/30387	09/967, 406	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for providing a unified data exchange and storage format
	Dt : 26-03-04	Dt : 24-09-02				
216	00647/CHENP/2004	PCT/GB02/03986	0121187.9; 0219146.8; 60/404, 182	Great Britain	AVIDEX LIMITED, GREAT BRITAIN	SUBSTANCES
	Dt : 26-03-04	Dt : 30-08-02				
217	00648/CHENP/2004	PCT/IL02/00720	09/942, 121	Netherlands	Chay 13 Medical Research Group N.V., Netherlands	Casein derived peptides and uses thereof in therapy
	Dt : 29-03-04	Dt : 29-08-02				
218	00649/CHENP/2004	PCT/IB02/04009	09/969, 297; 10/117, 730	Finland	NOKIA CORPORATION, FINLAND	Internet protocol address to packet identifier mapping
	Dt : 29-03-04	Dt : 30-09-02				
219	00650/CHENP/2004	PCT/AU02/01083	2002950182 & PR 7380	Australia	AUSTRALIAN BIOMEDICAL COMPANY PTY LTD., AUSTRALIA	Preparation and diabetic use of gibberellins
	Dt : 29-03-04	Dt : 12-08-02				
220	00651/CHENP/2004	PCT/CA02/01346	60/316, 365; 60/316, 579; 60/322, 514; 60/386, 404	Canada	STEM CELL THERAPEUTICS INC. Canada	Combined regulation of neural cell production
	Dt : 29-03-04	Dt : 30-08-02				

221	06/12/04	2004	PCT/US02/27315	60/316, 187; 60/316, 187, 10/211, 712; 10/211, 713	United States of America	Infra Systems, Inc., U.S.A.	Cluster caching with concurrency checking
222	06/29/04	2004	PCT/JP02/08675	09/945, 493 & 9/945, 493	United States of America	VELSICO CHEMICAL CORPORATION, U.S.A.	Liquid benzene gas compositions and aqueous polymer compositions containing the same as plasticizers
223	06/30/04	2004	PCT/US02/27508	60/316, 485	United States of America	Cool Options, Inc., U.S.A.	Thermally conductive lamp reflector
224	06/30/04	2004	PCT/JP02/08675	2001-264692	Japan	KEIHIN CORPORATION & HONDA GIKEN KOGYO KABUSHIKI, JAPAN	Seal structure in bypass intake control system
225	06/30/04	2004	PCT/US02/27316	60/316, 371	United States of America	FEDERAL-MOGUL POWERTRAIN, INC., U.S.A.	Optical fiber carrier
226	06/30/04	2004	PCT/JP02/08675	09/944, 443	Finland	NOKIA CORPORATION, FINLAND	Mobile content delivery system
227	06/30/04	2004	PCT/JP02/08678	2001-264693	Japan	KEIHIN CORPORATION & HONDA GIKEN KOGYO KABUSHIKI, JAPAN	Intake-air amount control system for engine
228	06/30/04	2004	PCT/BR02/00122	P1 0106806-3	Brazil	Montelro, Marcelo, Brazil	Improvements introduced to clothes washing and drying machines
229	06/30/04	2004	PCT/KR03/01242	02-41787	Korea	Samsung Electronics Co. Ltd., Korea	Coding and decoding method and apparatus using plural scanning patterns



230	00661/CHENP/2004	PCT/US02/33459	60/330, 092; 60/372, 080; 10/122, 151	United States of America	MONOGEN, INC., U.S.A.,	Vial system and method for processing liquid-based specimens
	Dt: 31-03-04	Dt: 21-10-02				
231	00662/CHENP/2004	PCT/US02/33458	60/330; 60/372, 080; 60/373, 658	United States of America	MONOGEN, INC., U.S.A.,	Universal microscope slide cassette
	Dt: 31-03-04	Dt: 21-10-02				
232	00663/CHENP/2004	PCT/US02/20295	09/944, 091	United States of America	TEXACO DEVELOPMENT CORPORATION, U.S.A.,	Using shifted syngas to regenerate scr type catalyst
	Dt: 31-03-04	Dt: 26-08-02				

## NATIONAL PHASE APPLICATIONS FILED FOR THE MONTH OF APRIL - 2004

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	00664/CHENP/2004 Dt: 01-04-04	PCT/IB02/03646 Dt: 09-09-02	01402545.6	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Speculative execution for java hardware accelerator
2	00665/CHENP/2004 Dt: 01-04-04	PCT/IB02/03712 Dt: 09-09-02	01203735.4	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method for reproducing sound signals and sound reproducing system
3	00666/CHENP/2004 Dt: 01-04-04	PCT/DK02/00664 Dt: 30-09-02	PA 2001 01437	Denmark	NOVO NORDISK A/S DENMARK	Human tissue factor antibodies
4	00667/CHENP/2004 Dt: 01-04-04	PCT/EP02/09993 Dt: 06-09-02	101 48 774.6	Germany	WESTFALIA SEPARATOR AG, GERMANY	Solid-bowl screw-type centrifuge comprising a pressurised housing
5	00668/CHENP/2004 Dt: 01-04-04	PCT/US02/27165 Dt: 26-08-02	09/968, 817	United States of America	3M Innovative Properties Company, U.S.A.,	Non-inverting transfective assembly
6	00669/CHENP/2004 Dt: 01-04-04	PCT/US02/31045 Dt: 30-09-02	60/325, 591	United States of America	Aventis Pharmaceuticals, Inc. U.S.A. & Axy's Pharmaceuticals, Inc. U.S.A.	A novel g protein-coupled receptor, gave 10
7	00670/CHENP/2004 Dt: 01-04-04	PCT/DK02/00612 Dt: 20-09-02	PCT/DK01/00632; PCT/DK01/00634 & PA 2002 00460	Denmark	NOVO NORDISK HEALTH CARE AG, SWITZERLAND	Method for producing of recombinant proteins in eukaryote cells
8	00671/CHENP/2004 Dt: 01-04-04	PCT/US02/26472 Dt: 20-08-02	01123651.0	Europe	3M Innovative Properties Company, U.S.A.,	Method of applying a fastener portion to a diaper

9	00672/CHENP/2004 Dt : 02-04-04	PCT/US02/13107 Dt : 24-04-02	10/042, 071; 10/061, 890; 50/327, 697	United States of America	Qualcomm Incorporated, U.S.A.	Power control outer loop for communication channels with discontinuous transmission
10	00673/CHENP/2004 Dt : 02-04-04	PCT/US02/20478 Dt : 26-06-02	09/946, 953	United States of America	TEXACO DEVELOPMENT CORPORATION, U.S.A.,	Combustion turbine fuel inlet temperature management for maximum power output
11	00674/CHENP/2004 Dt : 02-04-04	PCT/EP02/11143 Dt : 04-10-02	1837/01	Switzerland Cote d'Ivoire	Syngenta Participations, Switzerland	Herbicide Composition
12	00675/CHENP/2004 Dt : 02-04-04	PCT/US02/28316 Dt : 04-09-02	09/946, 461	United States of America	TECHNOLOGY LICENSING CORPORATION, U.S.A.,	Diagnostic data interchange
13	00676/CHENP/2004 Dt : 02-04-04	PCT/EP/11071 Dt : 27-09-02	01203739.6	Netherlands	AKZO NOBEL N.V., THE NETHERLANDS	Method for preventing scaling of membranes in a one-step membrane process
14	00677/CHENP/2004 Dt : 02-04-04	PCT/US02/31776 Dt : 02-10-02	09/971, 903	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for acquiring pilots over code space and frequency errors in a cdma communication system
15	00678/CHENP/2004 Dt : 02-04-04	PCT/US02/31052 Dt : 30-09-02	60/326, 837; 60/385, 022	United States of America	Nano-tex, LLC, U.S.A.	Durable press cellulosic fibrous substrates with improved physical properties
16	00679/CHENP/2004 Dt : 02-04-04	PCT/US02/31778 Dt : 02-10-02	09/972, 530	United States of America	Qualcomm Incorporated, U.S.A.	Flexible array for packet data transmission

17	00680/CHENP/2004 Dt : 02-04-04	PCT/US02/31774 Dt : 02-10-02	09/970, 487 & 10/011, 526	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for data packet transport in a wireless communication system using an internet protocol
18	00681/CHENP/2004 Dt : 02-04-04	PCT/US02/31773 Dt : 02-10-02	10/002, 063; 06/327, 498	United States of America	Qualcomm Incorporated, U.S.A.	Pilots search in cdma systems
19	00682/CHENP/2004 Dt : 02-04-04	PCT/IL02/00718 Dt : 29-08-02	09/946, 016	Israel	PBC LASERS LTD, ISRAEL	A semiconductor laser based on the effect of photonic band gap crystal-mediated filtration of higher modes of laser radiation and method of making same
20	00683/CHENP/2004 Dt : 02-04-04	PCT/EP02/11087 Dt : 02-10-02	1829/01	Switzerland Cote d'Ivoire	Novartis Ag of Lichtstrasse, Switzerland	Organic compounds
21	00684/CHENP/2004 Dt : 02-04-04	PCT/GB02/04025 Dt : 03-09-02	0121285.1	United Kingdom	CANCER RESEARCH TECHNOLOGY LIMITED, UNITED KINGDOM	Anti-cancer combinations
22	00685/CHENP/2004 Dt : 02-04-04	PCT/EP02/11088 Dt : 02-10-02	1828/01	Switzerland Cote d'Ivoire	Novartis Ag of Lichtstrasse, Switzerland	Organic compounds
23	00686/CHENP/2004 Dt : 02-04-04	PCT/US02/31550 Dt : 03-10-02	60/326, 722	United States of America	AMERICAN BIOPHYSICS CORP. U.S.A.,	System for trapping flying insects and a method for making the same
24	00687/CHENP/2004 Dt : 02-04-04	PCT/US02/20564 Dt : 26-06-02	09/946, 186	United States of America	TEXACO DEVELOPMENT CORPORATION, U.S.A.,	Recycle of hydrogen from hydroprocessing purge gas

25	00688/CHENP/2004 Dt : 02-04-04	PCT/CH02/00526 Dt : 23-09-02	20116246.6	Switzerland Cote d'Ivoire	TEXTILMA AG, SWITZERLAND	Screen printing method for flat textile structures and device for carrying out the method
26	00689/CHENP/2004 Dt : 02-04-04	PCT/US02/25604 Dt : 13-08-02	09/970, 474	United States of America	3M Innovative Properties Company, U.S.A.,	Touch panel system and method for distinguishing multiple touch inputs
27	00690/CHENP/2004 Dt : 02-04-04	PCT/US02/28112 Dt : 04-09-01	60/317, 035	United States of America	Gonda, U.S.A.	Method for supporting sdh/sonet aps on ethernet
28	00691/CHENP/2004 Dt : 02-04-04	PCT/US02/27505 Dt : 28-08-02	0123815.3	Great Britain	3M Innovative Properties Company, U.S.A.,	Light-guide lights providing a substantially monochromatic beam
29	00692/CHENP/2004 Dt : 02-04-04	PCT/IB02/03987 Dt : 25-09-02	09/970, 960	Netherlands	ASSEMBLEON N.V., The Netherlands	Computer vision recognition of metallic objects against a poorly contrasting background
30	00693/CHENP/2004 Dt : 02-04-04	PCT/IB02/04046 Dt : 30-09-02	09/970, 960 & 10, 324, 788	Netherlands	ASSEMBLEON N.V., The Netherlands	Automatic filter changer for use on surface mounter inspection camera
31	00694/CHENP/2004 Dt : 02-04-04	PCT/IB02/03853 Dt : 18-09-02	01203767.7	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Device running a user interface application
32	00695/CHENP/2004 Dt : 02-04-04	PCT/IB02/03840 Dt : 18-09-02	01203727.1	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method and apparatus for recording a digital information signal
33	00696/CHENP/2004 Dt : 02-04-04	PCT/IB02/03653 Dt : 09-09-02	01203753.7	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method of styling a user interface and device with adaptive user interface

34	00697/CHENP/2004 Dt: 05-04-04	PCT/IL02/00807 Dt: 03-10-02	60/326, 430	Israel	GALILEO MOBILITY INSTRUMENTS LTD ISRAEL	Adaptable traction system of a vehicle
35	00698/CHENP/2004 Dt: 05-04-04	Dt: 01-01-1900	0309893.6	Great Britain	HOLSET ENGINEERING CO. LIMITED, British	COMPRESSOR
36	00699/CHENP/2004 Dt: 05-04-04	Dt: 01-01-1900	0309892.8	Great Britain	HOLSET ENGINEERING CO. LIMITED, British	COMPRESSOR
37	00700/CHENP/2004 Dt: 05-04-04	PCT/EP03/008270 Dt: 25-07-03	60/401, 209	Italy	Basell Poliolefine Italia S.p.A., Italy	Process for preparing alkylidene-substituted- 1,4-dions derivatives
38	00701/CHENP/2004 Dt: 05-04-04	PCT/EP03/007410 Dt: 09-07-03	60/401, 208	Italy	Basell Poliolefine Italia S.p.A., Italy	Process for preparing alkylidene-substituted- 1,4-dions derivatives
39	00702/CHENP/2004 Dt: 05-04-04	PCT/EP02/11140 Dt: 04-10-02	0124027.4; 012402 8.2; 0124839.2; 012 7173.3; 0127174.1; 0127343.2; 0211524.4 & PCT/EP02/11140	Switzerland Cote d'Ivoire	Novartis Ag of Lichtstrasse, Switzerland	Acylsulfonamides as inhibitors of steroid sulfatase
40	00703/CHENP/2004 Dt: 05-04-04	PCT/EP02/09570 Dt: 28-08-02	101 43 407.3	Germany	SMS DEMAG AG, Germany	Combined use of oil and emulsion for the cold- rolling of strips
41	00704/CHENP/2004 Dt: 05-04-04	PCT/US02/31807 Dt: 04-10-02	09/971, 145	United States of America	BECTON, DICKINSON AND COMPANY, U.S.A.	Microdevice and method of delivering or withdrawing a substance through the skin of an animal

42	00705/CHENP/2004 Dt : 05-04-04	PCT/US02/28096 Dt : 04-09-02	09/947, 235	United States of America	VOCERA COMMUNICATIONS, INC. U.S.A.	Voice controlled wireless communications system and method
43	00706/CHENP/2004 Dt : 05-04-04	PCT/US02/32450 Dt : 09-10-02	60/328, 070	United States of America	Zymogenetics, Inc.	Method for inhibiting the formation of seromas using factor XIII
44	00707/CHENP/2004 Dt : 05-04-04	PCT/US02/26010 Dt : 15-08-02	09/973, 635	United States of America	3M Innovative Properties Company, U.S.A.	Small diameter, high strength optical fiber
45	00708/CHENP/2004 Dt : 05-04-04	PCT/EP02/11219 Dt : 07-10-02	60/326, 998; 60/331, 045; 10/050, 902; PCT/IB02/00166 & 60/396, 637	Switzerland Cote d'Ivoire	Cytos Biotechnology AG, Switzerland	Angiotensin peptide- carrier-conjugates and uses thereof
46	00709/CHENP/2004 Dt : 06-04-04	PCT/JP03/11328 Dt : 04-09-03	JP 2002-343393 dated 27/11/2002	Japan	M/S Nippon Thermostat & Co. Limited, Japan	Title not found, will be filled later
47	00710/CHENP/2004 Dt : 06-04-04	PCT/US02/28514 Dt : 06-09-02	60/318, 164	United States of America	Intergraph Hardware Technologies Company, U.S.A.	Method, device and computer program product for demultiplexing of video images
48	00711/CHENP/2004 Dt : 06-04-04	PCT/EP02/09572 Dt : 28-08-02	101 43 866.0	Germany	SMS DEMAG AG, Germany	Slab cleaning in front of the roller hearth furnace of a mini mill
49	00712/CHENP/2004 Dt : 06-04-04	PCT/US02/32350 Dt : 09-10-02	60/328, 646	United States of America	3M Innovative Properties Company, U.S.A.	Compositions containing biosoluble inorganic fibers and micaceous binders

50	00713/CHENP/2004 Dt: 06-04-04	PCT/US02/25842 Dt: 14-03-02	09/974, 355	United States of America	3M Innovative Properties Company, U.S.A.	Article with retroreflective and radio frequency-responsive features
51	00714/CHENP/2004 Dt: 06-04-04	PCT/EP02/03791 Dt: 03-09-02	01310975 3.01811 249 0024052.1 3.0	Switzerland Cote d'Ivoire	Ciba speciality chemicals holding inc., Switzerland	Process for the direct preparation of pyrrole (3,4-C) pyrroles
52	00715/CHENP/2004 Dt: 05-04-04	PCT/EP02/09782 Dt: 02-09-02	01810868.8	Switzerland Cote d'Ivoire	Ciba speciality chemicals holding inc., Switzerland	Process for the preparation of hydroxy- vinyl-aromatic polymers of copolymers by anionic or controlled radical polymerization
53	00716/CHENP/2004 Dt: 06-04-04	PCT/EP02/11329 Dt: 08-10-02	01263850.3	Netherlands	AKZO NOBEL N.V., THE NETHERLANDS	Use of cmc in processed meat products
54	00717/CHENP/2004 Dt: 06-04-04	PCT/US02/28199 Dt: 05-09-02	60/317, 718, 60/317, 566; 10/234, 693; 10/234, 597	United States of America	BEA Systems, Inc., U.S.A.	Exactly once cache framework
55	00718/CHENP/2004 Dt: 06-04-04	PCT/EP01/11635 Dt: 08-10-01		Finland	NOKIA CORPORATION, FINLAND	Service and capability negotiation in a network using single numbering scheme
56	00719/CHENP/2004 Dt: 06-04-04	PCT/US02/28352 Dt: 06-09-02	60/318, 164	United States of America	Intergraph Hardware Technologies Company, U.S.A.	Method device and computer program product for image stabilization using color matching



57	00720/CHENP/2004 Dt : 06-04-04	PCT/US02/28351 Dt : 06-09-02	60/318, 164	United States of America	Intergraph Hardware Technologies Company, U.S.A.	Method device and computer program product for demultiplexing of video images
58	00721/CHENP/2004 Dt : 06-04-04	PCT/IB02/04100 Dt : 07-10-02	2001 1854/01	British Virgin Isles,	CLARIANT FINANCE (BVI) LIMITED, British Virgin Islands	Organic compounds
59	00722/CHENP/2004 Dt : 06-04-04	PCT/US02/28910 Dt : 09-09-02	60/318, 541	United States of America	UNIVERSITY OF PITTSBURGH, U.S.A.,	Diagnosis and monitoring of systemic lupus erythematosus and of scleroderma
60	00723/CHENP/2004 Dt : 07-04-04	PCT/GB02/04085 Dt : 06-09-02	0121874.2	United Kingdom	Merck Sharp & Dohme Limited, U.K.	Tetrahydropyran derivatives and their use as therapeutic agents
61	00724/CHENP/2004 Dt : 07-04-04	PCT/US02/32559 Dt : 10-10-02	09/974, 919	United States of America	Qualcomm Incorporated, U.S.A.	Multiple-interface ace port multiplexer
62	00725/CHENP/2004 Dt : 07-04-04	PCT/IB02/04149 Dt : 09-10-02	0124323.7	Finland	NOKIA CORPORATION, FINLAND	Setting mode of communication
63	00726/CHENP/2004 Dt : 07-04-04	PCT/KR02/01843 Dt : 02-10-02	2001-0062492	Korea	CHEIL JEDANG CORPORATION, KOREA	<sup>1</sup> H-Indole derivatives as a highly selective cycloxygen ase-2 inhibitor

64	00727/CHENP/2004 Dt : 07-04-04	PCT/FI02/00789 Dt : 08-10-02	09/974, 021	Finland	NOKIA CORPORATION FINLAND	A method of server initiated synchronization in a synchronization system where the request message from the server has a maximum size
65	00728/CHENP/2004 Dt : 07-04-04	PCT/JP02/10357 Dt : 04-10-02	2001-312615	Japan	MITSUBA CORPORATION, JAPAN	Winding structure of rotary electric machine
66	00729/CHENP/2004 Dt : 07-04-04	PCT/SE02/01842 Dt : 09-10-02	0103370-3	Switzerland Cote d'Ivoire	Tetra Laval Holdings & Finance S.A., Switzerland	A laminated packing material, a method of producing the same, as well as a packaging container produced from the packaging material
67	00730/CHENP/2004 Dt : 07-04-04	PCT/EP02/11092 Dt : 02-10-02	01124046.2	Finland	Borealis Technology OY, Finland	Process for the production of propylene copolymers
68	00731/CHENP/2004 Dt : 07-04-04	PCT/US02/32558 Dt : 10-10-02	09/976, 079	United States of America	Qualcomm Incorporated, U.S.A.	Frame synchronization within a communication system
69	00732/CHENP/2004 Dt : 07-04-04	PCT/US02/32561 Dt : 10-10-02	09/975, 037	United States of America	Qualcomm Incorporated, U.S.A.	Methods and apparatuses for controlling distribution of location information
70	00733/CHENP/2004 Dt : 07-04-04	PCT/US02/32194 Dt : 09-10-02	60/327, 904	United States of America	Mr. Schiff, U.S.A., & Mr. Sandorffy U.S.A.	System and method for conducting a financial transaction using a communication device

71	00734/CHENP/2004 Dt : 07-04-04	PCT/KR02/01842 Dt : 02-10-02	2001-0062488	Korea	CHEIL JEDANG CORPORATION, KOREA	3,4 Dihydro-1 h- naphthalene derivatives as a highly selective cyclooxygenase-2 inhibitor
72	00735/CHENP/2004 Dt : 07-04-04	PCT/KR02/01844 Dt : 02-10-02	2001-0062491	Korea	CHEIL JEDANG CORPORATION, KOREA	4-Methanesulfonyl- biphenyl derivatives as a highly selective cyclooxygenase-2 inhibitor
73	00736/CHENP/2004 Dt : 08-04-04	PCT/EP02/10738 Dt : 25-09-02	0124274.2	United States of America	Huntsman International LLC, U.S.A.,	Manufacture of alkyl benzene sulphonic acids
74	00737/CHENP/2004 Dt : 08-04-04	PCT/US02/32534 Dt : 11-10-02	60/328, 889	United States of America	THERAVANCE, INC., U.S.A.,	Cross-linked glycopeptide- cephalosporin antibiotics
75	00738/CHENP/2004 Dt : 08-04-04	PCT/EP02/12193 Dt : 14-10-02	90125310; PCT/EP01/12430; 0214427.7	Switzerland Cote d'Ivoire	RASMUSSEN, SWITZERLAND	Longitudinal orientation of a tubular thermoplastic film
76	00739/CHENP/2004 Dt : 08-04-04	PCT/US02/32054 Dt : 08-10-02	09/973, 301	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for security in a data processing system
77	00740/CHENP/2004 Dt : 08-04-04	PCT/US02/32512 Dt : 10-10-02	60/328, 655; 60/363, 774		Istituto Di Ricerchi Di Biologia Molecolare P. Angeletti S.p.A. Italy, & Merck & Co., U.S.A.,	Hepatitis c virus vaccine

78	00741/CHENP/2004 Dt : 08-04-04	PCT/JP03/07951 Dt : 24-06-03	2002-185764; 2002-292163	Japan	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JAPAN	Characteristic correcting device
79	00742/CHENP/2004 Dt : 08-04-04	PCT/US02/20263 Dt : 26-06-02	09/949, 779	United States of America	TEXACO DEVELOPMENT CORPORATION, U.S.A.,	Gasification process employing ammonia injection for minimizing waste water treatment
80	00743/CHENP/2004 Dt : 08-04-04	PCT/US02/33401 Dt : 09-10-02	60/329, 141; 60/330, 132	United States of America	Huntsman International LLC, U.S.A.,	High modulus, high ductility polyolefins
81	00744/CHENP/2004 Dt : 08-04-04	PCT/JP02/08678 Dt : 28-08-02	2001-279703	Japan	HONDA GIKEN KOGYO KABUSHIKI KAISHA, JAPAN	Whirl-stop device for rocker arm shaft in valve mechanism of internal combustion engine
82	00745/CHENP/2004 Dt : 08-04-04	PCT/GB02/04598 Dt : 10-10-02	0124630.5	Great Britain	PICSEL (RESEARCH) LIMITED, GREAT BRITAIN	Systems and methods for generating visual representations of graphical data and digital document processing
83	00746/CHENP/2004 Dt : 08-04-04	PCT/US02/30803 Dt : 27-09-02	09/977, 434	United States of America	Insulet Corporation, U.S.A.	Laminated patient infusion device
84	00747/CHENP/2004 Dt : 08-04-04	Dt : 01-01-1900		Finland	NOKIA CORPORATION, FINLAND	Point-to-point microwave radio system

85	00748/CHENP/2004 Dt: 08-04-04	PCT/EP02/11454 Dt: 07-10-02	01203863.4	Netherlands	FLEXSYS B.V., THE NETHERLANDS	Process for improving the purity of quaternary ammonium hydroxides by electrolysis in a two- compartment cell
86	00749/CHENP/2004 Dt: 08-04-04	PCT/US02/32401 Dt: 09-10-02	09/973, 441	United States of America	HYDRIL COMPANY, U.S.A.,	Radially expandable tubular connection
87	00750/CHENP/2004 Dt: 08-04-04	PCT/EP02/09835 Dt: 03-09-02	101 44 991.7	Germany	Besf Aktiengesellschaft, Germany	FUNGICIDAL MIXTURES
88	00751/CHENP/2004 Dt: 08-04-04	PCT/EP02/11338 Dt: 10-10-02	10149919.1	Germany	BioSphings AG, Germany	Salts of guanidine derivatives and pharmaceutical preparations consisting thereof
89	00752/CHENP/2004 Dt: 08-04-04	PCT/EP02/10673 Dt: 24-09-02	101 49 669.9; 102 00 728.4; 102 26 996.3	Germany	ALOYS WOBLEN, Germany	Method for establishing a foundation in particular for a tower of a wind energy plant
90	00753/CHENP/2004 Dt: 08-04-04	PCT/AT02/00284 Dt: 30-09-02	A 1594/2001 & A 515/2002	Sweden	TORNBERG, SWEDEN	Method for producing metallic powders consisting of irregular particles
91	00754/CHENP/2004 Dt: 08-04-04	PCT/SE02/01833 Dt: 09-10-02	0103398-4	Sweden	HOGANAS AB, SWEDEN	Lubricant powder for powder metallurgy
92	00755/CHENP/2004 Dt: 08-04-04	PCT/IB02/03796 Dt: 12-10-01	01203906.1	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method of and system for transmitting a plurality of messages

93	00756/CHENP/2004 Dt: 08-04-04	PCT/IB02/03786 Dt: 12-09-02	01203907.9	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Apparatus and method for reading or writing block-wise stored user data
94	00757/CHENP/2004 Dt: 12-04-04	PCT/US02/29232 Dt: 13-09-02	60/322, 556,60/335,434,60 /378,627 & 60/386, 833	United States of America	TULARIK INC., U.S.A., & JAPAN TOBACCO, INC., JAPAN	Linked biaryl compounds
95	00758/CHENP/2004 Dt: 12-04-04	PCT/EP01/11899 Dt: 15-10-01		Germany	ROHM GmbH & Co. KG, Germany	Use of a copolymer to produce a glicic form containing a peptide or a protein as active agent
96	00759/CHENP/2004 Dt: 12-04-04	PCT/FR02/03466 Dt: 11-10-02	01/13204	France	Rhodia Polymide Intermediates, France	Reactor for oxidizing reaction of a liquid with a gas
97	00760/CHENP/2004 Dt: 12-04-04	PCT/EP02/11280 Dt: 09-10-02	01124587.5	Switzerland Cote d'Ivoire	LONZA LTD. SWITZERLAND & IHARA CHEMICAL INDUSTRY CO., LTD, JAPAN	Process for the preparation of 1- (pyrimidin-2-yl)propan-2- ones
98	00761/CHENP/2004 Dt: 12-04-04	PCT/GB02/04652 Dt: 15-10-02	0124717.0	Great Britain	Chequepoint Franchise Corporation, Panama	A computerized money transfer system and method
99	00762/CHENP/2004 Dt: 12-04-04	PCT/US02/33048 Dt: 15-10-02	60/329, 772	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for managing imbalance in a communication system
100	00763/CHENP/2004 Dt: 12-04-04	PCT/US02/33930 Dt: 16-10-02	60/348, 113; 10/099, 844	United States of America	Qualcomm Incorporated, U.S.A.	System and method for maintaining a video image in a wireless communication device

101	00764/CHENP/2004 Dt: 12-04-04	PCT/US02/27548 Dt: 29-08-02	09/951, 195	United States of America	AIR PRODUCTS AND CHEMICALS INC	An apparatus and method of cryogenic cooling for high-energy cutting operations
102	00765/CHENP/2004 Dt: 15-04-04	PCT/IB02/03945 Dt: 23-09-02	No. 01203881.6	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Record carrier and apparatus for scanning the record carrier
103	00766/CHENP/2004 Dt: 15-04-04	PCT/IB02/03956 Dt: 23-09-02	No. 01203878.6	Netherlands	Koninklijke Philips electronics N.V., Netherlands & Sony Corporation, Japan	Record carrier and apparatus for scanning the record
104	00767/CHENP/2004 Dt: 15-04-04	PCT/IB02/04244 Dt: 14-10-02	No. 01203878.2	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Multi - dimensional coding on quasi - close - packed lattices
105	00768/CHENP/2004 Dt: 15-04-04	PCT/IB02/04250 Dt: 14-10-02	01203878.2; 02075884.3	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Multi-dimensional coding on quasi-close- packed lattices
106	00769/CHENP/2004 Dt: 15-04-04	PCT/IB02/04284 Dt: 16-10-02	01203901.2	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Optical scanning device

107	00770/CHENP/2004 Dt: 15-04-04	PCT/CA02/01563 Dt: 15-10-02	09/978, 309	Canada	Transition Therapeutics Inc., Canada	Compositions and methods for treating cellular response to injury and other proliferating cell disorders regulated by hyaladherin and hyaluronans
108	00771/CHENP/2004 Dt: 15-04-04	PCT/DK02/00692 Dt: 15-10-02	PA 2001 01524	Denmark	NOVO NORDISK A/S DENMARK	Dicarboxylic acid derivatives, their preparation and therapeutic use
109	00772/CHENP/2004 Dt: 15-04-04	PCT/EP02/11589 Dt: 16-10-02	0124953.1	Switzerland Cote d'Ivoire	Novartis Ag of Lichtsirasse, Switzerland	Pharmaceutical compositions comprising mycophenolic acid or mycophenolate salt
110	00773/CHENP/2004 Dt: 15-04-04	PCT/IB02/04216 Dt: 14-10-02	0124842.6	British Virgin Isles.	CLARIANT FINANCE (BVI) LIMITED, British Virgin Islands	Trichromatic dyeing process and dye mixtures used therein
111	00774/CHENP/2004 Dt: 15-04-04	PCT/IB02/04215 Dt: 14-10-02	0124838.4; 0217320.1	British Virgin Isles.	CLARIANT FINANCE (BVI) LIMITED, British Virgin Islands	1:2 metalcomplex dyes, their compositions, their production and their use
112	00775/CHENP/2004 Dt: 15-04-04	PCT/JP02/10721 Dt: 16-10-02	2001-318381	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands; Matsushita Electric Industrial Co., Ltd., Japan & Sony Corporation, Japan	An optical disc with different wobble patterns in different grooves
113	00776/CHENP/2004 Dt: 15-04-04	PCT/EP02/11279 Dt: 09-10-02	01124728.5	Switzerland Cote d'Ivoire	LONZA LTD, SWITZERLAND & IHARA CHEMICAL INDUSTRY CO., LTD, JAPAN	Process for the preparation of (Pyrimidin-2-YL) methyl ketones



114	00777/CHENP/2004	PCT/US02/33164	60/329, 931	United States of America	Zymogenetics, Inc.	Secreted protein, ztnf9
	Dt : 15-04-04	Dt : 16-10-02				
115	00778/CHENP/2004	PCT/AU02/01395	PR 8248	Australia	SILVERBROOK RESEARCH PTY LTD., AUSTRALIA	Digital ink database searching using handwriting feature synthesis
	Dt : 15-04-04	Dt : 15-10-02				
116	00779/CHENP/2004	PCT/AU02/01394	PR 8244	Australia	SILVERBROOK RESEARCH PTY LTD., AUSTRALIA	Character identifications
	Dt : 15-04-04	Dt : 15-10-02				
117	00780/CHENP/2004	PCT/AU02/01393	PR 8245	Australia	SILVERBROOK RESEARCH PTY LTD., AUSTRALIA	A method and apparatus for decoding handwritten characters
	Dt : 15-04-04	Dt : 15-10-02				
118	00781/CHENP/2004	PCT/AU02/01392	PR 8246	Australia	SILVERBROOK RESEARCH PTY LTD., AUSTRALIA	Character string identifications
	Dt : 15-04-04	Dt : 15-10-02				
119	00782/CHENP/2004	PCT/EP02/11497	01308821.6	United States of America	TEXACO DEVELOPMENT CORPORATION, U.S.A.,	Corrosion inhibiting compositions and methods for fuel cell coolant systems
	Dt : 16-04-04	Dt : 15-10-02				
120	00783/CHENP/2004	PCT/EP02/11324	101 50 690.2	Germany	SMS DEMAG AG, Germany	Rolling device
	Dt : 16-04-04	Dt : 10-10-02				
121	00784/CHENP/2004	Dt : 01-01-1900	01102492.4	Switzerland Cote d'Ivoire	SICPA Holding S.A. Switzerland	A polyurethane resin
	Dt : 16-04-04					
122	00785/CHENP/2004	PCT/SE02/01723	01850174.2	Netherlands	AKZO NOBEL N.V., THE NETHERLANDS	Sealing composition and its use
	Dt : 16-04-04	Dt : 23-09-02				

123	00786/CHENP/2004	PCT/US02/32953	60/330, 226	United States of America	MONSANTO TECHNOLOGY, LLC, U.S.A	Process and catalyst for dehydrogenating primary alcohols to make carboxylic acid salts
	Dt: 16-04-04	Dt: 16-10-02				
124	00787/CHENP/2004	PCT/US02/32825	60/329, 518; 60/374, 548	Israel	NPX Technologies Ltd, Israeli	Verification of a person identifier received online
	Dt: 16-04-04	Dt: 16-10-02				
125	00788/CHENP/2004	PCT/US02/32564	09/981, 449	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for providing privacy of user identity and characteristics in a communication system
	Dt: 16-04-04	Dt: 11-10-02				
126	00789/CHENP/2004	PCT/US02/32858	09/982, 239	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for selecting a best serving sector in a cdma data communication system
	Dt: 16-04-04	Dt: 15-10-02				
127	00790/CHENP/2004	PCT/CH02/00378	01811019.7	Switzerland	ABB Schweiz AG, Switzerland	Voltage limiter
	Dt: 16-04-04	Dt: 11-07-02				
128	00791/CHENP/2004	PCT/US02/33181	60/330, 266; 60/330, 268	United States of America	MICHIGAN STATE UNIVERSITY, U.S.A., & SYNTON CORPORATION, U.S.A.	Process for the preparation of oxazolidinones and method of use thereof
	Dt: 16-04-04	Dt: 17-10-02				
129	00792/CHENP/2004	PCT/US02/29807	09/956, 479	United States of America	BROADLOG NETWORK TECHNOLOGIES, U.S.A.	A digital implementation of multi-channel demodulators
	Dt: 16-04-04	Dt: 18-09-02				
130	00793/CHENP/2004	PCT/US02/32936	60/330, 359	United States of America	SCHERING CORPORATION, U.S.A.	Hiribacine analogues as thrombin receptor antagonists
	Dt: 16-04-04	Dt: 16-10-02				

131	00794/CHENP/2004	PCT/EP02/11289	09/082,203	United States of America	International Business Machines Corporation, U.S.A.,	Method and system for digital rights management in content distribution applications
	Dt: 16-04-04	Dt: 09-10-02				
132	00795/CHENP/2004	PCT/B02/04278	01203966.5	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	System for encoding auxiliary information within a signal
	Dt: 16-04-04	Dt: 18-10-02				
133	00796/CHENP/2004	PCT/B02/04234	01203976.4	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Slider for an optical data writing/reading apparatus, and apparatus comprising such a slider
	Dt: 16-04-04	Dt: 01-01-1900				
134	00797/CHENP/2004	Dt: 01-01-1900		India	Symed Labs Limited, 8-3-166/6 & 7, II Floor, Sree Arcade, Erragadda, Hyderabad - 500 018, A.P. India	A novel process for the preparation of linezolid and related compounds
	Dt: 19-04-04					
135	00798/CHENP/2004	PCT/US02/33464	60/330, 082; 60/372, 080; 60/373, 658	United States of America	MONOGEN, INC., U.S.A.,	Container uncapping apparatus and method
	Dt: 19-04-04	Dt: 21-10-02				
136	00799/CHENP/2004	PCT/US02/33286	10/037, 593	United States of America	GLOBAL VELOCITY, L.L.C., U.S.A.	System and method for controlling transmission of data packets over an information network
	Dt: 19-04-04	Dt: 18-10-02				
137	PCT/EP02/11696	60/345, 921		Switzerland	Pharmaceutical composition for use for the treatment of the diseases comprising in combination a bisphosphonates, a cox-2 inhibitor and a taxol	
	Dt: 18-10-02			NOVARTIS AG, SWITZERLAND AND WITTESS, U.S.A.,		

138	00801/CHENP/2004 Dt: 19-04-04	PCT/IL02/00339 Dt: 01-05-02	60/330,118	Israel	VASCULAR BIOGENICS LTD., ISRAEL	Polynucleotide constructs, pharmaceutical compositions and methods for targeted downregulation of angiogenesis and anticancer therapy
139	00802/CHENP/2004 Dt: 19-04-04	PCT/US02/33929 Dt: 16-10-02	09/981, 846	United States of America	Qualcomm Incorporated, U.S.A.	Selecting optimal transmit forms for transmissions over allocated time durations
140	00803/CHENP/2004 Dt: 19-04-04	PCT/GB02/04263 Dt: 19-09-02	0122729.7	United Kingdom	THERMSAVE ENGINEERING UK LIMITED, U.K. and WILSON, THOMAS STEVEN, BRITISH	Improved waste treatment
141	00804/CHENP/2004 Dt: 19-04-04	PCT/EP02/10299 Dt: 13-09-02	60/323, 550	United States of America	Basf Aktiengesellschaft, Germany	Compounds, compositions, and methods of use for glyphosate salts of ether amines
142	00805/CHENP/2004 Dt: 19-04-04	PCT/JP02/09452 Dt: 13-09-02	2001- 286637;2001- 287159;2002- 128286;2002- 128323	Japan	TOYOTA JIDOSHA KABUSHIKI KAISHA, JAPAN	System for achieving high expression of genes
143	00806/CHENP/2004 Dt: 19-04-04	PCT/EP02/10840 Dt: 27-09-02	101 52 712.8	Germany	ALOYS WOBLEN, Germany	Generator for a hydro- electric station
144	00807/CHENP/2004 Dt: 19-04-04	PCT/EP02/09795 Dt: 03-09-02	10146113.5	Germany	SMS DEMAG AG, Germany	Spray boom for a hydraulic descaling facility

145	00808/CHENP/2004 Dt : 19-04-04	PCT/EP02/11662 Dt : 16-10-02	01124967.9; 60/330, 424	Switzerland Cote d'Ivoire	LONZA LTD, SWITZERLAND & IHARA CHEMICAL INDUSTRY CO., LTD, JAPAN	Hardenable cyanate compositions
146	00809/CHENP/2004 Dt : 19-04-04	PCT/IB02/04279 Dt : 16-10-02	No. 01203949.1	Netherlands	Koninklijke Philips Electronics N.V., Netherlands	Optical record carrier and optical scanning device
147	00810/CHENP/2004 Dt : 20-04-04	PCT/EP02/11446 Dt : 12-10-02	101 51 287.2; 101 52 308.4	Germany	HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, Germany	Cotton active dirt removing urethane- based polymers
148	00811/CHENP/2004 Dt : 20-04-04	PCT/JP02/11344 Dt : 31-10-02	2001-333973	Japan	MITSUBISHI HEAVY INDUSTRIES, LTD, JAPAN	Matrix resin composition for fiber-reinforced plastics and process for production of fiber- reinforced plastics
149	00812/CHENP/2004 Dt : 20-04-04	PCT/US02/33931 Dt : 16-10-02	10/011, 861	United States of America	Qualcomm Incorporated, U.S.A.	Queueing talk requests in a wireless group dispatch system
150	00813/CHENP/2004 Dt : 20-04-04	PCT/US02/33933 Dt : 16-10-02	10/000, 601	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for controlling data rate in a wireless communication system
151	00814/CHENP/2004 Dt : 20-04-04	PCT/US02/34018 Dt : 23-10-02	C8999, 744	United States of America	Qualcomm Incorporated, U.S.A.	System and method for approximating duplex wireless dispatch system
152	00815/CHENP/2004 Dt : 20-04-04	PCT/FR02/03617 Dt : 22-10-02	01/13606	France	Aventis Pharma S.A., France	Method for preparing heparin from meat cell cultures

153	00816/CHENP/2004 Dt : 20-04-04	PCT/US03/11834 Dt : 18-04-03	60/374, 043; 60/374, 941 & 60/433, 361	United States of America	WAVBANK, U.S.A.,	System and method for sample detection based on low frequency spectral components
154	00817/CHENP/2004 Dt : 20-04-04	PCT/US02/30143 Dt : 20-09-02	60/323, 851	United States of America	THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, U.S.A.,	Diagnostic or therapeutic somatostatin or bombesin analog conjugates and uses thereof
155	00818/CHENP/2004 Dt : 20-04-04	PCT/US02/29901 Dt : 20-09-02	09/960, 529	United States of America	BEA Systems, Inc., U.S.A.	Method and apparatus for smart directories for application deployment
156	00819/CHENP/2004 Dt : 20-04-04	PCT/JP02/09685 Dt : 20-09-02	2001-331674-78;	Japan	MITSUBISHI PHARMA CORPORATION JAPAN & SANOFISYNTHELABO, FRANCE	3-Substituted-4- pyrimidone derivatives
157	00820/CHENP/2004 Dt : 20-04-04	PCT/EP02/10564 Dt : 20-09-02	101 46 601.3	Germany	SAURER GmbH & Co. KG, Germany	Method for controlling a texturing machine and a texturing machine
158	00821/CHENP/2004 Dt : 20-04-04	PCT/JP02/09684 Dt : 20-09-02	2001-331674-78	Japan	MITSUBISHI PHARMA CORPORATION JAPAN & SANOFISYNTHELABO, FRANCE	3-Substituted-4- pyrimidone derivatives
159	00822/CHENP/2004 Dt : 20-04-04	PCT/EP02/10719 Dt : 25-09-02	60/324, 633	Germany	Basf Aktiengesellschaft, Germany	Insecticidal and acaricidal 3-substituted pyrazoles
160	00823/CHENP/2004 Dt : 20-04-04	PCT/EP02/09573 Dt : 28-08-02	101 46 791.5	Germany	SMS DEMAG AG, Germany	Method and device for coating the surface of elongated metal products

161	00824/CHENP/2004 Dt : 21-04-04	PCT/KR02/01977 Dt : 22-10-02	2001-65388;2002-14586;2002-30609;2002-76114	Korea	Samsung Electronics Co. Ltd, Korea	Information storage medium including markup document and av data, recording method, reproducing method, and reproducing apparatus therefore
162	00825/CHENP/2004 Dt : 21-04-04	PCT/US02/02751 Dt : 29-01-02		United States of America	HONEYWELL INTERNATIONAL INC., U.S.A.,	High-Dpf yarns with improved fatigue
163	00826/CHENP/2004 Dt : 21-04-04	PCT/US02/32857 Dt : 15-10-02	10/032,775	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for data packet transport in a wireless communication system using an internet protocol
164	00827/CHENP/2004 Dt : 21-04-04	PCT/US02/34024 Dt : 23-10-02	10/045, 133	United States of America	SANTA CRUZ NETWORKS, U.S.A.	System and method for group video teleconferencing using a bandwidth optimizer
165	00828/CHENP/2004 Dt : 21-04-04	PCT/EP02/09757 Dt : 31-08-02	101 52 557.5	Germany	ALOYS WOBLEN, Germany	Wind turbine with current conducting means, which are pre-assembled in the tower
166	00829/CHENP/2004 Dt : 21-04-04	PCT/EP02/10404 Dt : 17-09-02	2001 1755/01	Switzerland	Ciba speciality chemicals holding inc., Switzerland	Cationic reactive dyes
167	00830/CHENP/2004 Dt : 21-04-04	PCT/EP02/11600 Dt : 17-10-02	01125187.3	Netherlands	DSM IP Assets B.V.	Use of a polysiloxane sunscreen to enhance fragrance retention on hair

168	00831/CHENP/2004 Dt : 21-04-04	PCT/EP02/11799 Dt : 22-10-02	0125443.2; 0127341.6	Switzerland Cote d'Ivoire	NOVARTIS AG, SWITZERLAND	Macrolides containing pharmaceutical compositions
169	00832/CHENP/2004 Dt : 21-04-04	PCT/US02/34017 Dt : 23-10-02	10/038, 184	United States of America	Qualcomm Incorporated, U.S.A.	Method and system for hard handoff in a broadcast communication system
170	00833/CHENP/2004 Dt : 21-04-04	PCT/US02/33932 Dt : 16-10-02	10/029, 357	United States of America	Qualcomm Incorporated, U.S.A.	Method for open loop tracking gps signals
171	00834/CHENP/2004 Dt : 21-04-04	PCT/IL01/00976 Dt : 23-10-01		Israel	Yissum Research Development Company, Israel	In vitro micro-organs, and uses related thereto
172	00835/CHENP/2004 Dt : 21-04-04	PCT/US02/30596 Dt : 24-09-02	60/324, 847	United States of America	Gonda, U.S.A.	Method for supporting ethernet mac circuits
173	00836/CHENP/2004 Dt : 22-04-04	PCT/EP02/11732 Dt : 21-10-02	01204072.1		AKZO NOBEL N.V., THE NETHERLANDS	Use of (11beta, 17beta)- 11-(1, 3-benzodioxol-5- yl)-17-hydroxy-17-(1- propynyl)-estra-4, 9- dien-3-one in the treatment of major depressive disorder
174	00837/CHENP/2004 Dt : 22-04-04	PCT/US02/33120 Dt : 17-10-02	60/347, 848	United States of America	Higher Dimension Medical, Inc.	Scrubs pad with printed rigid plates and associated methods
175	00838/CHENP/2004 Dt : 22-04-04	PCT/EP02/10320 Dt : 14-09-02	101 47 034.7	Germany	Basf Aktiengesellschaft, Germany	Crystalline hydrates of nicotinic acid anilide and benzoyl anilide derivatives



176	00839/CHENP/2004 Dt: 22-04-04	PCT/US02/30233 Dt: 24-09-02	60/324, 723	Netherlands	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., THE NETHERLANDS	Environmentally friendly lubricants
177	00840/CHENP/2004 Dt: 22-04-04	PCT/EP02/10321 Dt: 14-09-02	101 47 035.5	Germany	Baef Aktiengesellschaft, Germany	Method for the production of oily suspensions water- soluble enzymes
178	00841/CHENP/2004 Dt: 22-04-04	PCT/US02/30332 Dt: 25-09-02	09/964, 181	Germany	HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, Germany	Autodeposition compositions
179	00842/CHENP/2004 Dt: 22-04-04	PCT/EP02/11817 Dt: 23-10-02	01125527.0	Germany	Biofrontera Pharmaceuticals GmbH., Germany	Derivatives of 4-(thio or seleno)anthracene-9- ylidene)-piperidine or acridine and its use as a selective 5-HT <sub>2B</sub> receptor antagonist
180	00843/CHENP/2004 Dt: 22-04-04	PCT/JP02/08898 Dt: 02-09-02	2001-291385	Japan	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JAPAN	ALKALINE DRY BATTERY
181	00844/CHENP/2004 Dt: 22-04-04	PCT/US02/30539 Dt: 25-09-02	60/324, 705	United States of America	KELSEY-HAYES COMPANY, U.S.A.,	Pad retraction spring for a brake shoe assembly and a disc brake assembly
182	00845/CHENP/2004 Dt: 22-04-04	PCT/US02/34074 Dt: 24-10-02	10/004, 179	United States of America	HYDRIL COMPANY, U.S.A.,	Apparatus and method to expand casing

183	00846/CHENP/2004 Dt : 22-04-04	PCT/EP02/10029 Dt : 07-09-02	101 46 993.4	Germany	SMS DEMAG AG, Germany	Electromagnetic braking device for the ingot in a continuous casting unit
184	00847/CHENP/2004 Dt : 22-04-04	PCT/DK02/00710 Dt : 25-10-02	PA 2001 01568	Denmark	FRESE ARMATUR A/S, DENMARK	Differential pressure valve
185	00848/CHENP/2004 Dt : 22-04-04	PCT/IB02/04183 Dt : 10-10-02	01402778.3	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Low overhead exception checking
186	00849/CHENP/2004 Dt : 22-04-04	PCT/IB02/04168 Dt : 10-10-02	01125291.3	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Commutation of sensorless direct-current motors
187	00850/CHENP/2004 Dt : 22-04-04	PCT/IB02/04260 Dt : 10-10-02	01204075.4	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Method of transmission of wideband audio signals on a transmission channel with reduced bandwidth
188	00851/CHENP/2004 Dt : 22-04-04	PCT/IB02/04184 Dt : 10-10-02	01204080.4	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	A method to assist in the predictability of open and flexible systems using video analysis
189	00852/CHENP/2004 Dt : 23-04-04	PCT/US02/34016 Dt : 23-10-02	10/269, 777; 60/347, 406	United States of America	Qualcomm Incorporated, U.S.A.	Integrated antenna for mobile telephones
190	00853/CHENP/2004 Dt : 23-04-04	PCT/US02/34328 Dt : 25-10-02	10/267, 289; 60/335, 749	United States of America	Qualcomm Incorporated, U.S.A.	Controlling forward link traffic channel power

191	00854/CHENP/2004 Dt : 23-04-04	PCT/US02/34327 Dt : 25-10-02	10/271, 930; 60/335, 680	United States of America	Qualcomm Incorporated, U.S.A.	Aggregating multiple wireless communication channels for high data rate transfers
192	00855/CHENP/2004 Dt : 23-04-04	PCT/US02/34805 Dt : 28-10-02	10/057, 689; 60/335, 063	United States of America	Qualcomm Incorporated, U.S.A.	Parameter estimator with dynamically variable integration time
193	00856/CHENP/2004 Dt : 23-04-04	PCT/US02/33346 Dt : 18-10-02	60/335, 680	United States of America	Qualcomm Incorporated, U.S.A.	System and method for token-based ppp fragment scheduling
194	00857/CHENP/2004 Dt : 23-04-04	PCT/US02/34245 Dt : 24-10-02	10/007, 393	United States of America	Athena Feminine Technologies, Inc. U.S.A.	System and method for transducing, sensing or affecting vaginal or body conditions, and/or stimulating perineal musculature and nerves using 2-way wireless communications
195	00858/CHENP/2004 Dt : 23-04-04	PCT/US02/30615 Dt : 25-09-02	09/965, 193	United States of America	BIOSYSTEM SOLUTIONS, INC. U.S.A.	Compositing apparatus and method
196	00859/CHENP/2004 Dt : 23-04-04	PCT/US02/33344 Dt : 18-10-02	10/032, 955	United States of America	Qualcomm Incorporated, U.S.A.	Power control of downlink shared channel (DSCH)
197	00860/CHENP/2004 Dt : 23-04-04	PCT/US02/34331 Dt : 25-10-02	10/044, 193	United States of America	Qualcomm Incorporated, U.S.A.	Printed conductive mesh dipole antenna and method

198	00861/CHENP/2004 Dt : 23-04-04	PCT/US02/34330 Dt : 25-10-02	10/032, 957	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for partitioning memory in a telecommunication device
199	00862/CHENP/2004 Dt : 23-04-04	PCT/US02/34329 Dt : 25-10-02	60/343, 053	United States of America	Qualcomm Incorporated, U.S.A.	Controlling forward link transmission power
200	00863/CHENP/2004 Dt : 23-04-04	PCT/EP02/11711 Dt : 18-10-02	01125338.2; 02018227.5	Switzerland Cote d'Ivoire	F. Hoffmann - La Roche AG , Switzerland	N-substituted pyrrolidin derivatives as dipeptidyl peptidase IV inhibitors
201	00864/CHENP/2004 Dt : 23-04-04	PCT/JP02/09830 Dt : 25-09-02	2001-294551	Japan	Yabashi Industries Co Ltd, Japan	Method for recycling calcium sulfate
202	00865/CHENP/2004 Dt : 23-04-04	PCT/GB02/04522 Dt : 26-09-02	0123098.6; 60/387, 595	Great Britain	LONZA BIOLOGICS PLC, GREAT BRITAIN AND AL- RUBEAI, GREAT BRITAIN	Use of aminoglycoside resistance gene
203	00866/CHENP/2004 Dt : 23-04-04	PCT/FR02/03673 Dt : 25-10-02	01/13878	France	CANAL +TECHNOLOGIES, FRANCE	Method for verifying television receivers with access control and corresponding receiver
204	00867/CHENP/2004 Dt : 23-04-04	PCT/US02/34344 Dt : 25-10-02	60/343, 732	United States of America	WISCONSIN ALUMNI RESEARCH FOUNDATION, U.S.A.	Vascular stent or graft coated or impregnated with protein tyrosine kinase inhibitors and method of using
205	00868/CHENP/2004 Dt : 23-04-04	PCT/GB02/04753 Dt : 21-10-02	60/339, 568; 60/362, 191	Italy	Istituto Di Ricerchi Di Biologia Molecolare P. Angeletti, SpA, Italy	N-substituted hydroxypropyliminone carboxamide inhibitors of HIV integrase

206	00869/CHENP/2004 Dt : 23-04-04	PCT/IB02/04255 Dt : 15-10-02	01204062.2; 02075316.6	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Tracking of sinusoidal parameters in an audio coder
207	00870/CHENP/2004 Dt : 23-04-04	PCT/EP02/10534 Dt : 19-09-02	09/962, 162	Italy	Pharmacia Italia, S.P.A. Italy	Aminotriazole derivatives active as kinase inhibitors, process for their preparation and pharmaceutical compositions containing them
208	00871/CHENP/2004 Dt : 26-04-04	PCT/US02/33462 Dt : 21-10-02	60/330, 092; 60/372, 080; 60/373, 658	United States of America	MONOGEN, INC., U.S.A., United States of America	Article dispensing apparatus and method
209	00872/CHENP/2004 Dt : 26-04-04	PCT/US02/30846 Dt : 27-09-02	60/325, 803	United States of America	GANGAGEN, INC. U.S.A., United States of America	Lysin-deficient bacteriophages having reduced immunogenicity
210	00873/CHENP/2004 Dt : 26-04-04	PCT/US02/30770 Dt : 26-09-02	09/965, 354	United States of America	CeramOptec Industries, Inc. U.S.A., United States of America	Topical application of chromophores for hair removal
211	00874/CHENP/2004 Dt : 26-04-04	PCT/US02/30844 Dt : 27-09-01	60/325, 796	United States of America	GANGAGEN, INC. U.S.A., United States of America	Incapacitated whole-cell immunogenic bacterial compositions
212	00875/CHENP/2004 Dt : 26-04-04	PCT/EP03/07319 Dt : 06-07-03	102 39 999.9	Germany	ROHM GmbH & Co. KG, Germany	Granulate or powder for producing coating or biding agents for medicaments
213	00876/CHENP/2004 Dt : 26-04-04	PCT/KR02/01825 Dt : 28-09-01	2001-0060826	Korea	MEDIGENES, KOREA	Diagnostic method for cancer characterized in the detection of the deletion of G-Caf exon 3

214	00877/CHENP/2004 Dt: 26-04-04	PCT/US02/30750 Dt: 03-11-02	60/338, 872; 10/101, 022	United States of America	PECHINEY PLASTIC PACKAGING, INC U.S.A.,	Container having splines and method for using same
215	00878/CHENP/2004 Dt: 26-04-04	PCT/US02/33354 Dt: 21-10-02	60/330, 092; 60/372, 080; 60/373, 658	United States of America	MONOGEN, INC., U.S.A.,	Specimen vial sealing apparatus and method
216	00879/CHENP/2004 Dt: 27-04-04	PCT/US02/30445 Dt: 24-09-02	60/326, 088	United States of America	INTERMUNE, INC., U.S.A.,	Method for treating hepatitis c virus infection in treatment failure patients
217	00880/CHENP/2004 Dt: 27-04-04	PCT/EP02/10741 Dt: 25-09-02	101 48 158.6	Germany	SMS DEMAG AG, Germany	Method for hot-dip finishing
218	00881/CHENP/2004 Dt: 27-04-04	PCT/EPO2/12541 Dt: 09-11-02	101 58 591.8	Germany	SMS DEMAG AG, Germany	Gripper for residual windings which may be wound from residual strip running from strip plants at the roll end
219	00882/CHENP/2004 Dt: 27-04-04	PCT/US02/30718 Dt: 27-09-02	60/325, 510	United States of America	U.S.SMOKELESS TOBACCO COMPANY, U.S.A.,	Encapsulated materials
220	00883/CHENP/2004 Dt: 27-04-04	PCT/US02/30712 Dt: 27-09-02	60/325, 507	United States of America	U.S.SMOKELESS TOBACCO COMPANY, U.S.A.,	Tobacco mint plant material product
221	00884/CHENP/2004 Dt: 27-04-04	PCT/US02/30006 Dt: 20-09-02	60/326, 100	United States of America	INTERMUNE, INC., U.S.A.,	Method for treating hepatitis c virus infection in treatment failure patients

222	00885/CHENP/2004 Dt : 28-04-04	Dt : 01-01-1900	India	Hetero Drugs Limited, Hetero House, 8-3-166/7/1, Erragadda, Hyderabad - 500 018, A.P.	A novel process for substituted sulfoxides
223	00886/CHENP/2004 Dt : 28-04-04	PCT/US02/34802 Dt : 29-10-02	United States of America	Qualcomm Incorporated, U.S.A.	Base station time calibration using position measurement data sent by mobile stations during regular position location sessions
224	00887/CHENP/2004 Dt : 28-04-04	PCT/US02/34504 Dt : 29-10-02	United States of America	BECTON, DICKINSON AND COMPANY, U.S.A.	Method and device for the delivery of a substance
225	00888/CHENP/2004 Dt : 28-04-04	PCT/JP02/11165 Dt : 28-10-02	Japan	OTSUKA CHEMICAL CO., LTD. JAPAN	Lepidocrocite type lithium potassium titanate method for preparation thereof and friction material
226	00889/CHENP/2004 Dt : 28-04-04	PCT/JP03/11041 Dt : 29-08-03	Japan	JAPAN TOBACCO, INC. JAPAN	Dibenzylamine compounds and pharmaceutical use thereof
227	00890/CHENP/2004 Dt : 28-04-04	PCT/US02/33751 Dt : 22-10-02	United States of America	DOW GLOBAL TECHNOLOGIES, INC., U.S.A.	Rigid hybrid polyurethane foams
228	00891/CHENP/2004 Dt : 28-04-04	PCT/NL01/00792; PCT/NL02/00257 Dt : 29-10-02	Netherlands	CRUCCELL HOLLAND, THE NETHERLAND	Methods and means for producing proteins with predetermined post- translational modifications

229	00892/CHENP/2004 Dt : 28-04-04	PCT/GB02/04902 Dt : 29-10-02	01309156.6	Great Britain	British Telecommunications public Limited Company, Great Britain	Machine Translation
230	00893/CHENP/2004 Dt : 28-04-04	PCT/GB02/04893 Dt : 29-10-02	01309152.5 & 01309153.3	Great Britain	British Telecommunications public Limited Company, Great Britain	Machine Translation
231	00894/CHENP/2004 Dt : 28-04-04	PCT/US02/32427 Dt : 10-10-02	10/039, 387	United States of America	International Engine Intellectual Property Company, LLC, U.S.A.	System and method for calibrating fuel injections
232	00895/CHENP/2004 Dt : 28-04-04	PCT/US02/32349 Dt : 10-10-02	10/003, 980	United States of America	International Engine Intellectual Property Company, LLC, U.S.A.	System and method for predicting quantity of injected and adaptation to engine control system
233	00896/CHENP/2004 Dt : 28-04-04	PCT/EP02/09864 Dt : 04-09-02	101 53 644.5	Germany	ALOYS WOBLEN., Germany	Wind power installation with contactless power transmission means to the rotor unit
234	00897/CHENP/2004 Dt : 28-04-04	PCT/US02/34898 Dt : 31-10-02	60/334, 751	United States of America	SCHERING CORPORATION, U.S.A.	Ribavirin syrup formulations
235	00898/CHENP/2004 Dt : 28-04-04	PCT/US02/31019 Dt : 27-09-02	60/26,032	United States of America	ESPERION THERAPEUTICS, INC. U.S.A.	Method and apparatus for extrusion of vesicles at high pressure
236	00899/CHENP/2004 Dt : 28-04-04	PCT/EP02/10907 Dt : 27-09-02	01203692.7	Netherlands	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., THE NETHERLANDS	Cyclonic fluid separator with vortex generator in inlet section



237	00900/CHENP/2004 Dt : 28-04-04	PCT/IB02/04415 Dt : 22-10-02	0126073.6 & 0126423.3	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Radio communication system
238	00901/CHENP/2004 Dt : 29-04-04	PCT/NZ02/00199 Dt : 30-09-02	514368 & 518624	New Zealand	REALCONTACTS LIMITED, NEW ZEALAND	Personal contact network
239	00902/CHENP/2004 Dt : 29-04-04	PCT/SE02/01725 Dt : 24-09-02	0103260-6	Sweden	Metso Minerals (Trelleborg), Sweden	FENDER
240	00903/CHENP/2004 Dt : 29-04-04	PCT/IB02/04511 Dt : 25-10-02	01204197.6	Netherlands	Koninklijke Philips Electronics, N.V., Netherlands	Scalable Browser
241	00904/CHENP/2004 Dt : 28-04-04	PCT/JP02/11192 Dt : 29-10-02	2001-334324	Japan	Idemitsu Kosan Co., Ltd., Japan	Novel soluble compound and organic electroluminescent devices
242	00905/CHENP/2004 Dt : 29-04-04	PCT/US02/34911 Dt : 31-10-02	2001-334669; 2001-339359	United States of America	3M Innovative Properties Company, U.S.A.,	Automotive lamp
243	00906/CHENP/2004 Dt : 29-04-04	PCT/US02/34991 Dt : 31-10-02	60/336, 449	United States of America	3M Innovative Properties Company, U.S.A.,	Cross-linked primer composition and use thereof in thermoformable films
244	00907/CHENP/2004 Dt : 29-04-04	PCT/EP02/12190 Dt : 10-10-02	01480108.8	United States of America	International Business Machines Corporation, U.S.A.,	A computer- implemented method and system for controlling use of digitally encoded products

245	00908/CHENP/2004 Dt : 29-04-04	PCT/FR02/03713 Dt : 29-10-02	France	Rhodia Polyimide Intermediates, France	Method for catalytic decomposition of organic hydroperoxides
246	00909/CHENP/2004 Dt : 29-04-04	PCT/JP02/11281 Dt : 30-10-02	Japan	JFE STEEL CORPORATION & KOKAN MINING COMPANY LTD. JAPAN	Raw material for silicate fertilizer and method for production thereof
247	00910/CHENP/2004 Dt : 29-04-04	PCT/DK02/00659 Dt : 02-10-02	Denmark	H.LUNDBECK A/S, DENMARK	Phenyl-piperazine derivatives as serotonin reuptake inhibitors
248	00911/CHENP/2004 Dt : 29-04-04	PCT/EP02/11878 Dt : 24-10-02	Switzerland Cote d'Ivoire	ROCHE VITAMINS AG, SWITZERLAND	Manufacture of retinoids
249	00912/CHENP/2004 Dt : 29-04-04	PCT/EP02/11907 Dt : 24-10-02	Finland	NOKIA CORPORATION, FINLAND	TRANSFER OF PERSONALISATION ITEMS BETWEEN COMMUNICATION TERMINALS
250	00913/CHENP/2004 Dt : 29-04-04	PCT/US02/29886 Dt : 20-09-02	United States of America	SANDIA CORPORATION, U.S.A.	Enhanced formulations for neutralization of chemical biological and industrial toxants
251	00914/CHENP/2004 Dt : 29-04-04	PCT/US02/34326 Dt : 25-10-02	United States of America	Qualcomm Incorporated, U.S.A.	Parameter estimator for a cdma receiver with a search window of variable size and/or placement
252	00915/CHENP/2004 Dt : 29-04-04	PCT/US02/33348 Dt : 18-10-02	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for scheduling packet data transmission in a wireless communication system

253	00916/CHENP/2004 Dt : 29-04-04	PCT/US02/34715 Dt : 29-10-02	10/012, 629	United States of America	DOW GLOBAL TECHNOLOGIES, INC., U.S.A.	Organoborane amine, complex polymerization initiators and polymerizable compositions
254	00917/CHENP/2004 Dt : 29-04-04	PCT/BE02/00163 Dt : 30-10-02	2001/0696	Belgium	CHINNAUX, BELGIUM	Method for making rigid structures from panels
255	00918/CHENP/2004 Dt : 29-04-04	PCT/EP02/09866 Dt : 30-08-02	01125983.5	Switzerland Cote d'Ivoire	SICPA Holding S.A. Switzerland	Ink set printed article a method of printing and use of a colorant
256	00919/CHENP/2004 Dt : 30-04-04	PCT/IN01/00165 Dt : 03-10-01		India	TEJAS NETWORKS INDIA PVT. LTD., INDIA	System for improving osnr of dwdm transmission system
257	00920/CHENP/2004 Dt : 30-04-04	PCT/IN01/00166 Dt : 03-10-01		India	TEJAS NETWORKS INDIA PVT. LTD., INDIA	System for improving optical signal to noise ratio
258	00921/CHENP/2004 Dt : 30-04-04	PCT/IN01/00169 Dt : 04-10-01		India	TEJAS NETWORKS INDIA PVT. LTD., INDIA	Method for designing low cost static networks
259	00922/CHENP/2004 Dt : 30-04-04	PCT/IN01/00164 Dt : 03-10-01		India	TEJAS NETWORKS INDIA PVT. LTD., INDIA	Improving osnr of optically amplified dwdm transmission system
260	00923/CHENP/2004 Dt : 30-04-04	PCT/US02/33463 Dt : 21-10-02	60/330, 092; 60/372, 080; 60/373, 658	United States of America	MONOGEN, INC., U.S.A.,	Article handling system and method
261	00924/CHENP/2004 Dt : 30-04-04	PCT/US02/34899 Dt : 31-10-02	60/336, 853	United States of America	SANDOZ INC., U.S.A.,	Process for preparing quick dissolving, high loading ribavirin compositions

262	00925/CHENP/2004 Dt : 30-04-04	PCT/EP02/12214 Dt : 02-11-01	Germany	Basf Aktiengesellschaft, Germany	Method for producing 2-halogen-pyridine-carboxylic acid amides
263	00926/CHENP/2004 Dt : 30-04-04	PCT/EP02/10798 Dt : 26-09-02	Germany	Basf Aktiengesellschaft, Germany	DIPHOSPHINE
264	00927/CHENP/2004 Dt : 30-04-04	PCT/EP02/12209 Dt : 31-10-02	Switzerland Cote d'Ivoire	Tetra Laval Holdings & Finances SA, Switzerland	Sheet material for producing packages of food products, and packages made of such material
265	00928/CHENP/2004 Dt : 30-04-04	PCT/NL02/00639 Dt : 04-10-02	Netherlands	ERASMUS UNIVERSITEIT ROTTERDAM, THE NETHERLAND	Gene regulatory peptides
266	00929/CHENP/2004 Dt : 30-04-04	PCT/DK02/00707 Dt : 24-10-02	Denmark	NOVOZYMES, DENMARK	Method for producing a fermented dairy product
267	00930/CHENP/2004 Dt : 30-04-04	PCT/US02/35273 Dt : 01-11-02	United States of America	Qualcomm Incorporated, U.S.A.	Reliability metric for a signal parameter estimate
268	00931/CHENP/2004 Dt : 30-04-04	PCT/US02/35272 Dt : 01-11-02	United States of America	Qualcomm Incorporated, U.S.A.	System and method for routing voice over ip calls

269	00932/CHENP/2004 Dt : 30-04-04	PCT/US02/35033 Dt : 01-11-02	60/330, 945 & 60/350, 972	United States of America	Meridian Medical Technologies, Inc. U.S.A.,	A medicament container, a medicament dispensing kit for administering medication and a method for packaging the same
270	00933/CHENP/2004 Dt : 30-04-04	PCT/US02/35215 Dt : 04-11-02	09/885, 486	United States of America	Meridian Medical Technologies, Inc. U.S.A.,	Automatic injector with anti-coring needle
271	00934/CHENP/2004 Dt : 30-04-04	PCT/US02/31554 Dt : 03-10-02	60/326, 422	United States of America	INTRADIGM CORPORATION, U.S.A.	Multi-disciplinary approach to validating or identifying targets using an in vivo system
272	00935/CHENP/2004 Dt : 30-04-04	PCT/EP02/12154 Dt : 31-10-02	101 53 403.5	Germany	ALOYS WOBLEN, Germany	WIND PARK
273	00936/CHENP/2004 Dt : 30-04-04	PCT/US02/35096 Dt : 01-11-02	60/336, 315 & 0203596.2	United States of America	Aventis Pharmaceuticals, Inc. U.S.A.	Pharmaceutical composition comprising an adenosine A1/A2 agonist and a sodium hydrogen exchanger in hibitor
274	00937/CHENP/2004 Dt : 30-04-04	PCT/US02/34892 Dt : 31-10-02	10/003, 641	United States of America	Sequa Can Machinery, Inc. U.S.A.,	Internally cooled punch
275	00938/CHENP/2004 Dt : 30-04-04	PCT/US02/34896 Dt : 31-10-02	10/003, 652	United States of America	Sequa Can Machinery, Inc. U.S.A.,	Internally cooled tool pack

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 249/KOL/2003 A

(22) Date of filing of : 01/05/2003  
application

(54) Title of the Invention : "THE CATALYSTS DIESEL & PETROL"

<p>(51) International classification : F01N 3/10  (30) Priority Data :  (31) Document No.  (32) Date :  (33) Name of convention country :  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant :  SATYABRATA TAPADAR, B/18,  SATINDRA PALLY, KOLKATA – 700 084,  WEST BENGAL, INDIA.    (72) Name of the Inventors :  SATYABRATA TAPADAR</p>
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(57) Abstract : The field of invention and Background of invention. The present invention is to control a Catalyst Diesel System for Vehicular Pollution. The low Sulphur Diesel or the hydrodesulphurisation is converted by Catalyst System.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 251/KOL/2003 A

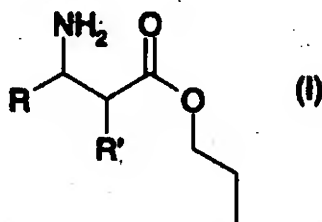
(22) Date of filing of : 02/05/2003  
application

(54) Title of the Invention : "PROCESS FOR THE ENZYMATIC PREPARATION OF ENANTIOMERICALLY ENRICHED  $\beta$ -AMINO ACIDS"

(51) International classification : C12P 13/04	(71) Name of the Applicant : DEGUSSA
(30) Priority Data :	AG., BENNIGSENPLATZ 1 DE-40474
(31) Document No. 102 20 739.9	DUSSELDORF, GERMANY.
(32) Date : 08/05/2002	(72) Name of the Inventors :
(33) Name of convention country : GERMANY	1. GROGER, HARALD DR.,
(66) Filed U/s 5(2) :NIL	2. WERNER, HELGE.
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract :

The present invention relates to a process for the preparation of enantiomerically enriched  $\beta$ -amino acids. The invention relates also to advantageous esters of  $\beta$ -amino acids of the general formula (I)



and to the use thereof in a process for the enzymatic preparation of enantiomerically enriched  $\beta$ -amino acids.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 252/KOL/2003 A

(22) Date of filing of : 02/05/2003  
application

(54) Title of the Invention : "PROCESS FOR THE ENZYMATIC PREPARATION OF ENANTIOMER-ENRICHED BETA-AMINO ACIDS"

(51) International classification : C12P 13/04 (30) Priority Data : (31) Document No. 102 20 740.2 (32) Date : 08/05/2002 (33) Name of convention country : GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : DEGUSSA AG., BENNIGSENPLATZ 1 DE-40474 DUSSELDORF, GERMANY.  (72) Name of the Inventors : 1. GROGER, HARALD DR., 2. WERNER, HELGE.
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(57) Abstract : The present invention relates to a process for preparing enantiomer-enriched  $\beta$ -amino acids by enzymatic ester resolution of N-unprotected  $\beta$ -amino acid esters in a two-phase system composed of water and an organic solvent forming two phases with water under the given reaction conditions.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

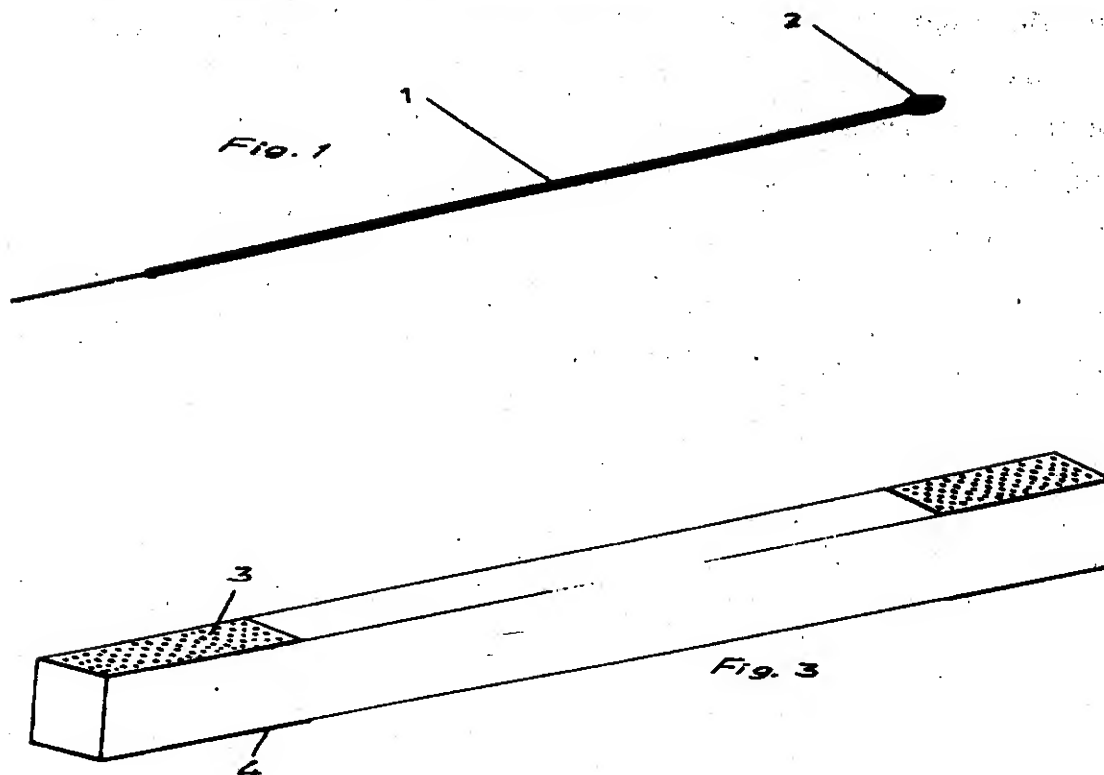
(21) Application No. 253/KOL/2003 A

(22) Date of filing of : 02/05/2003  
application

(54) Title of the Invention : "A SELF IGNITING INCENSE STICK AND A INSECT REPELLANT STICK AND A PROCESS OF MANUFACTURING THE SAME"

(51) International classification : A61K 7/46	(71) Name of the Applicant : 1.
(30) Priority Data :	SRIVASTAWA ANJANI KUMAR, 2.
(31) Document No.	KUMARI ANITA, OF DALLUCHAK, IN
(32) Date :	FRONT OF DEVI ASTHAN, P.O.
(33) Name of convention country :	KHAGAUL, DIST. PATNA, BIHAR, PIN--
(66) Filed U/s 5(2) :NIL	801105, INDIA.
(61) Patent of addition to application No. NA	(72) Name of the Inventors :
(62) Filed on :NA	1. SRIVASTAWA ANJANI KUMAR,
(63) Divisional to Application No. :NIL	2. KUMARI ANITA.
(64) Filed on :NA	

(57) Abstract : A self igniting incense stick and insect repellent stick comprising; a stick selected from incense stick and a insect repellent stick or coil and an inflammable composition coated at the tip of the said stick for ignition and a container package having both exterior sides coated with the screening composition.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 257/KOL/2003 A

(22) Date of filing of : 05/05/2003  
—application

(54) Title of the Invention : "CATALYST FOR DIMETHYL ETHER, METHOD OF PRODUCING CATALYST AND METHOD OF PRODUCING DIMETHYL ETHER"

<p>(51) International classification : C07C 43/06 (30) Priority Data : (31) Document No. 8-126669, 8-117243, 8-124780, 8-125370 &amp; 8-339758 (32) Date : 22/05/96, 13/05/96, 20/05/96, 21/05/96 &amp; 19/12/96 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :717/CAL/97 (64) Filed on :25/04/97</p>	<p>(71) Name of the Applicant : JFE HOLDINGS, INC., OF 1-2, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.  (72) Name of the Inventors : 1. TSUTOMU SHIKADA, 2. YOTARO OHNO, 3. TAKASHI OGAWA, 4. MASATSUGU MIZUGUCHI, 5. MASAMI ONO, 6. KAORU FUJIMOTO.</p>
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(57) Abstract : A method for producing dimethyl ether by forming a slurry by introducing a catalyst into a solvent and introducing a mixed gas comprising carbon monoxide and hydrogen into the slurry. The catalyst comprises alumina particles having an average size of 200  $\mu$ m or less and a methanol synthesis catalyst layer formed around each of the alumina particles. The methanol synthesis catalyst has a weight ratio of 0.05 to 5 to a weight of the alumina particles. The catalyst is produced by forming a layer comprising a methanol synthesis catalyst around each of the alumina particles

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 258/KOL/2003 A

(22) Date of filing of : 06/05/2003  
application

(54) Title of the Invention : "A STABILIZED t-ZrO<sub>2</sub> AND A PROCESS FOR ITS MANUFACTURE"

(51) International classification : C04B 35/48, 35/119, 35/106, 35/109 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA	(71) Name of the Applicant : INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, PIN – 721 302, WEST BENGAL, INDIA.  (72) Name of the Inventors : 1. MONDAL, APARNA, 2. RAM SHANKER.
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(57) Abstract :

A stabilized t-ZrO<sub>2</sub> nanoceramics with doping of rare-earth metal, which retain in this structure when exposed to elevated temperatures and its process of manufacture. The stabilized t-ZrO<sub>2</sub> comprises of R<sup>3+</sup> stabilized t-ZrO<sub>2</sub> as nanopowder in which R comprise rare earth metals. The process for the manufacture of stable t-ZrO<sub>2</sub> comprises reacting a solution of ZrOCl<sub>2</sub>·8H<sub>2</sub>O and RCl<sub>3</sub> with oxalic acid to obtain a transparent gel of precursors and heating the precursor to a temperature of 400 to 600°C preferably 500°C to obtain the stabilized R<sup>3+</sup> : t-ZrO<sub>2</sub>. The process and the product are useful for manufacturing stabilized t-ZrO<sub>2</sub> ceramics and components for structures, biomaterials, thermal barrier coating, catalytic supports, MHD applications, hard ceramic tools, and ceramic toughening processes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 259/KOL/2003 A

(22) Date of filing of : 07/05/2003  
application

(54) Title of the Invention : "INFLATABLE SUPPORT FRAME FOR TENTS"

<p>(51) International classification : E04H 15/42, 15/34</p> <p>(30) Priority Data :</p> <p>(31) Document No.</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NA</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : KENDA RUBBER INDUSTRIAL CO. LTD, OF 146, SECTION 1, JUNGSHAN ROAD, YUANLIN JEN, CHANGHUA, TAIWAN, REPUBLIC OF CHINA.</p> <p>(72) Name of the Inventors : YANG YING-MING</p>
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(57) Abstract :

A tent assembly includes a plurality of plates connected with each other and a plurality of rings arranged in two diagonal directions of an assembly of the plates. At least two rings at each two diagonal directions of the assembly of the plates have a hole defined therethrough. Each plate has a bottom edge which is connected to a sleeve. A plurality of inflatable tubes each have an inlet valve and an outlet valve. Each sleeve has one of the inflatable tubes received therein and two apertures through which the inlet valve and the outlet valve extend. One of the inflatable tubes extends through the rings at each of the two diagonal directions of the assembly of the plates. The inlet valve and the outlet valve of the inflatable tube extend through the two holes in the two rings in each of the two diagonal directions of the assembly of the plates. The tent is set up by inflating the inflatable tubes.

259/KOL/2003 A

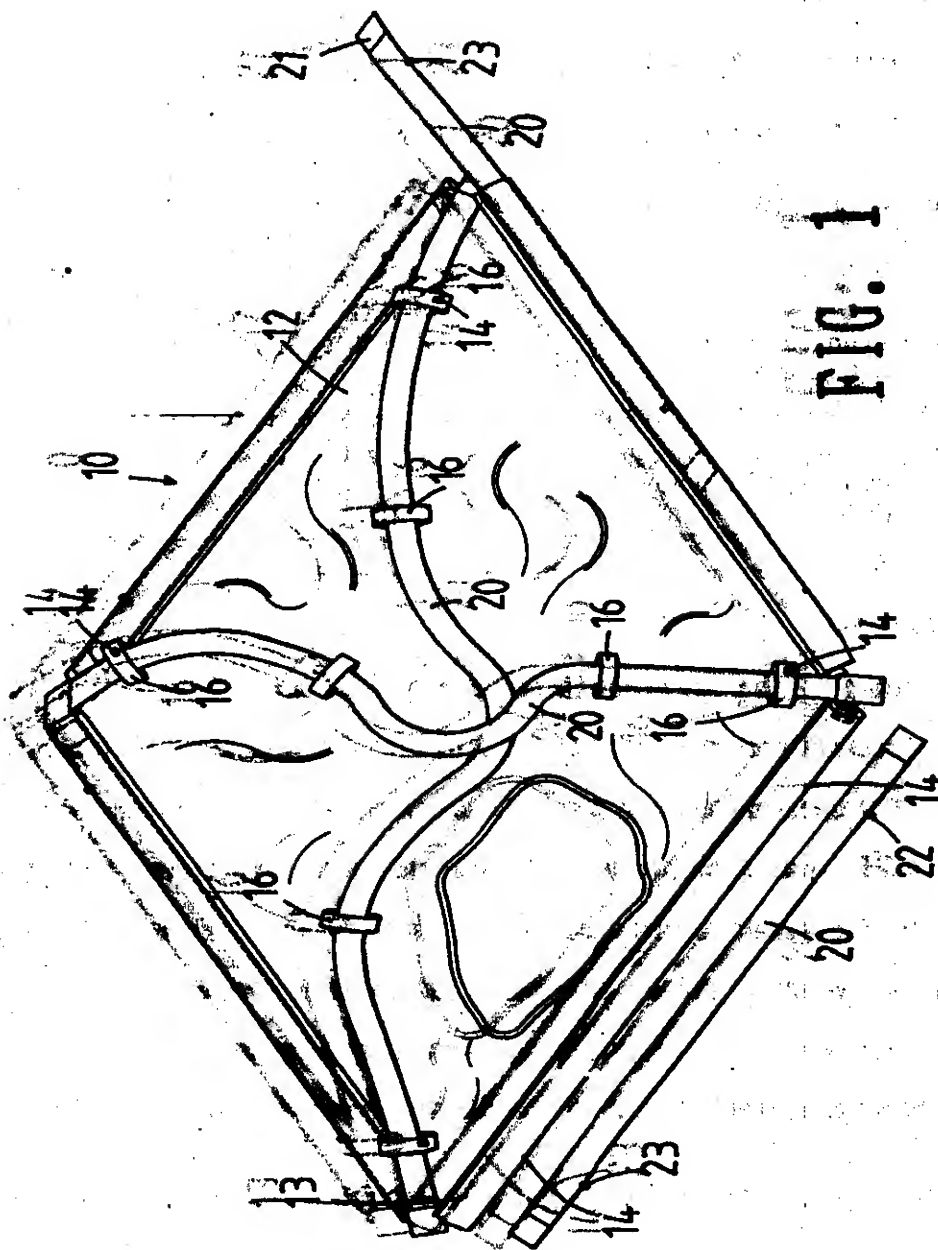


FIG. 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 260/KOL/2003 A

(22) Date of filing of : 08/05/2003  
application

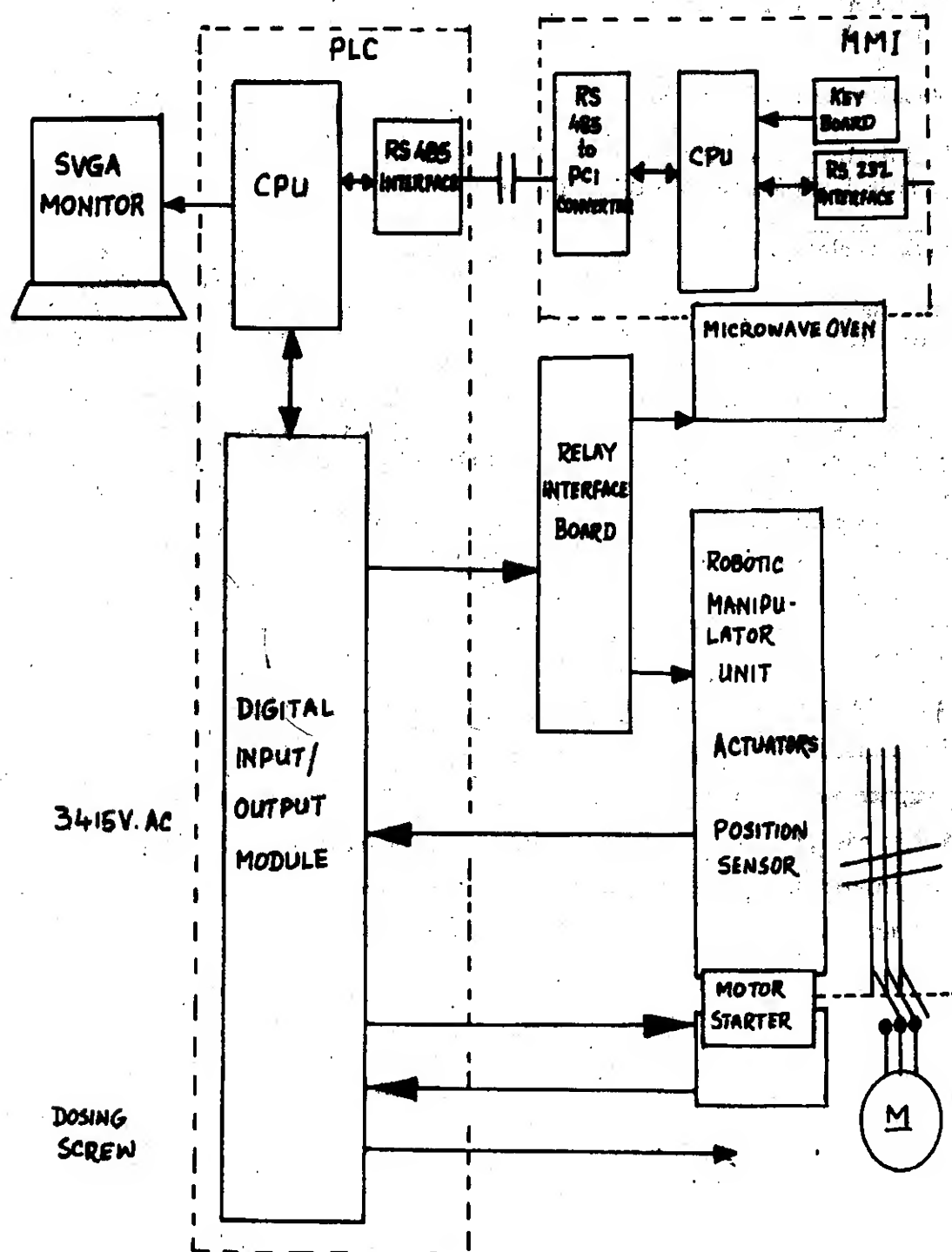
(54) Title of the Invention : "AN AUTOMATIC MOISTURE ANALYSER"

(51) International classification : C10B 29/00	(71) Name of the Applicant : THE TATA IRON AND STEEL COMPANY LIMITED, RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES, JAMSHEDPUR 831 001, INDIA.
(30) Priority Data :	
(31) Document No.	
(32) Date :	
(33) Name of convention country :	
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NA	
(64) Filed on :NA	

(57) Abstract :

According to the invention there is provided an automatic coke moisture measurement system to reduce the moisture determination time comprising a sample processing means; a robotic moisture analyzer means; a micro oven ; and a PLC-based controller , the sample processing means having a roller crusher to crush the raw coke into plurality sizes of samples; the robotic moisture analyzer means connected to the sample processing means via a flat conveyor to receive a pre-determined quantity of coke sample comprising a manipulator to handle the sample, a trolley with electronic balance to determine the weight of the sample, and a container ; the micro oven receives the container with the sample being shifted by means of the manipulator for heating the heating time being monitored and controlled by the PLC-based controller , the container with the heated sample being re-weighed at the trolley balance , the weighing data is transmitted to the PLC-based controller which calculates and measure the moisture-content in the sample for display on a PC .

260/KOL/2003 A



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 261/KOL/2003 A

(22) Date of filing of application : 09/05/2003

(54) Title of the Invention : A PROCESS FOR SELECTIVE PREPARATION OF BETA-CYCLODEXTRIN USING A NOVEL BACILLUS STRAIN

<p>(51) International classification : C12R, C08B</p> <p>(30) Priority Data :</p> <p>(31) Document No. :</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) : NA</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NA</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the applicant : DR. MRINAL KANTI MAJUMDAR OF 3/2, GARIA MAIN ROAD, BADDAMPUR, KOLKATA - 700 075, DR. SANAT KUMAR BASU OF 6/B, B. T. ROAD, OPPOSITE TO TALA POST OFFICE, KOLKATA - 700 002 AND MR. PRABIR KUMAR BASAK OF 8C, KHANPUR ROAD, KOLKATA - 700 047.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DR. MRINAL KANTI MAJUMDAR,</li> <li>2. DR. SANAT KUMAR BASU,</li> <li>3. MR. PRABIR KUMAR BASAK.</li> </ol>
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(57) Abstract : The invention describes a process for preparation of highly pure Beta-Cyclodextrin (equivalent to Beta-CD USP) by using an isolated Bacillus strain (Bacillus brevis, MTCC 4692). After screening rice, wheat, potato and maize, 6 numbers of CGT-ase yielding Bacillus strains were obtained. A low cost production medium was developed for these stains. Starch (soluble), the substrate, was converted to Beta-cyclodextrin using cell-free culture broth (source of enzyme CGT-ase) of these strains. A process for isolation of crystals of  $\beta$ -cyclodextrin from reaction mixture was developed.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

**(21) Application No. 263/KOL/2003 A**

(22) Date of filing of application: 09/05/2002

(54) Title of the Invention: "SEPARATING DEVICE FOR A TEXTILE REWINDING MACHINE"

(51) International classification: DDC 15/09

(30) **Priority Data:**

(31) Document No. 10231822.8

(32) Date: 15/07/2002

(33) Name of convention country:  
GERMANY

(66) Filed 1/13/21 NEIL

(61) Patent of addition to application No. NA

(62) Filed on NAA

(63) Division of Application No. NA-1

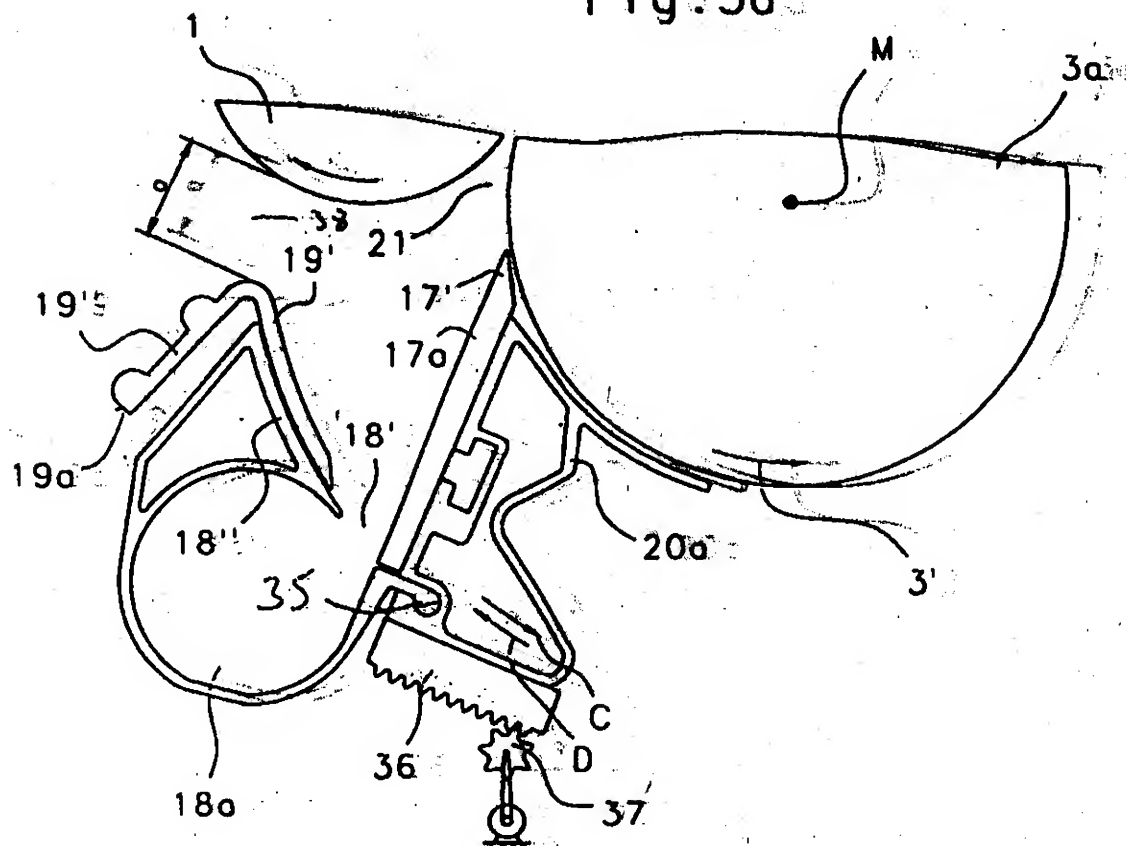
(64) Filed on NA

(71) Name of the Applicant :  
TRUTZSCHLER GMBH & CO. KG., OF  
DUVENSTR. 82-92, D-41199  
MONCHENGLADBACH, GERMANY.

(72) Name of the Inventors:  
MARKUS SCHMITZ

**(57) Abstract:**

Fig. 3a



In a device on a spinning preparatory machines, especially a carding machine, cleaning machine or the like for cotton having at least one separating blade 17a for impurities, which is associated with a clothed roller 3a, for example a licker-in or the like, wherein the separating blade 17a is arranged on a support 20 which is displaceable parallel to (concentrically with) the periphery of the roller, the distance between the separating blade 17a and a fixed-position counter-element bordering the separation opening is variable.

In the event of a change in the position of the separating blade 17a, in order to provide uniform removal of impurities and uniform supply of air into an extraction chamber 18a, the separating blade 17a is associated with an extraction chamber 18a which is mounted on the support 20, and the extraction chamber 18a cooperates with a fixed-position guide element 19a which is able to guide the separated impurities and/or air into the opening 18' of the extraction chamber 18a.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 264/KOL/2003 A

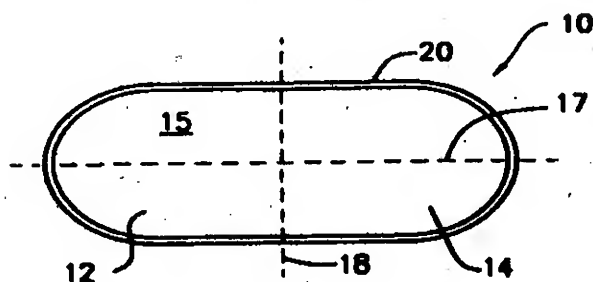
(22) Date of filing of : 13/05/2003  
application

(54) Title of the Invention : "ENROBED CORE"

<p>(51) International classification : A61K 9/20  (30) Priority Data :  (31) Document No. 10/146471  (32) Date : 15/05/2002  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NA  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MCNEIL-PPC, INC., OF ONE JOHNSON &amp; JOHNSON PLAZA, NEW BRUNSWICK, NJ 08933, U.S.A.   (72) Name of the Inventors :  BUNICK FRANK J.,</p>
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(57) Abstract :

An enrobed a core, such as a tablet core, that has a coating made of one or more patterned films each having portions that are visually distinct (e.g., differently colored) from one another and having a transition line segment between these visually distinct portions. At least a portion of an outer surface of the core is covered with the film or films, such that the transition line segments form a substantially continuous transition line on the coating and a film seam is formed which is different from the transition line. Where the patterned films are bi-colored, the resulting enrobed core can be bi-colored, or the resulting enrobed core can have a coating with at least four visually distinct portions alternately arranged thereon, thereby forming a "checkerboard" pattern on the coating. In either case, the film seam of the coating is different from the transition line of the coating.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 265/KOL/2003 A

(22) Date of filing of : 14/05/2003  
application

(54) Title of the Invention : "OPTICAL INFORMATION CARRIER HAVING FIRST CHANNEL SIGNAL REPRESENTING A MAIN INFORMATION SIGNAL, A SECOND CHANNEL SIGNAL REPRESENTING A CUE INFORMATION SIGNAL, AND THIRD CHANNEL SIGNAL REPRESENTING A SUB INFORMATION SIGNAL"

(51) International classification : G11B 7/00, 27/32

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : 1617/CAL/96

(64) Filed on : 11/09/1996

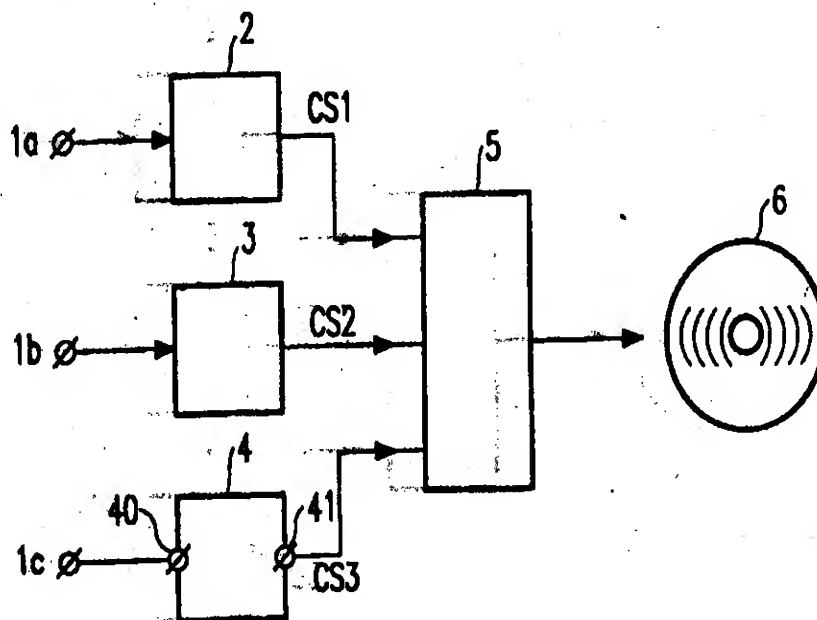
(71) Name of the Applicant :

KONINKLIJKE PHILIPS ELECTRONICS N.V., AT GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :

1. GERARDUS CORNELIS PETRUS LOKHOFF,  
2. CONSTANT PAUL MARIE JOZEF BAGGEN.

(57) Abstract :



Optical information carrier having a direct channel signal representing a main information signal, a second channel signal representing a cue information signal, and a third channel signal representing a sub information signal, wherein the first channel signal is a main information signal and the second and third channel signals are sub information signals and the second and third channel signals are recorded in a lead-in area of said track preceding said main information area, said first channel signal comprising at least one program.

(21) The invention relates to an optical information carrier, such as a disc or tape, which carries a main information signal and two sub information signals. The main information signal is recorded in a track, and the two sub information signals are recorded in a lead-in area of the track preceding the main information area. The first channel signal comprises at least one program.

(22) The invention also relates to a method of producing an optical record on a carrier, said method comprising the steps of: (a) recording a main information signal in a track; (b) recording a first channel signal in a lead-in area of the track preceding the main information area; (c) recording a second channel signal in a lead-in area of the track preceding the main information area; (d) recording a third channel signal in a lead-in area of the track preceding the main information area.

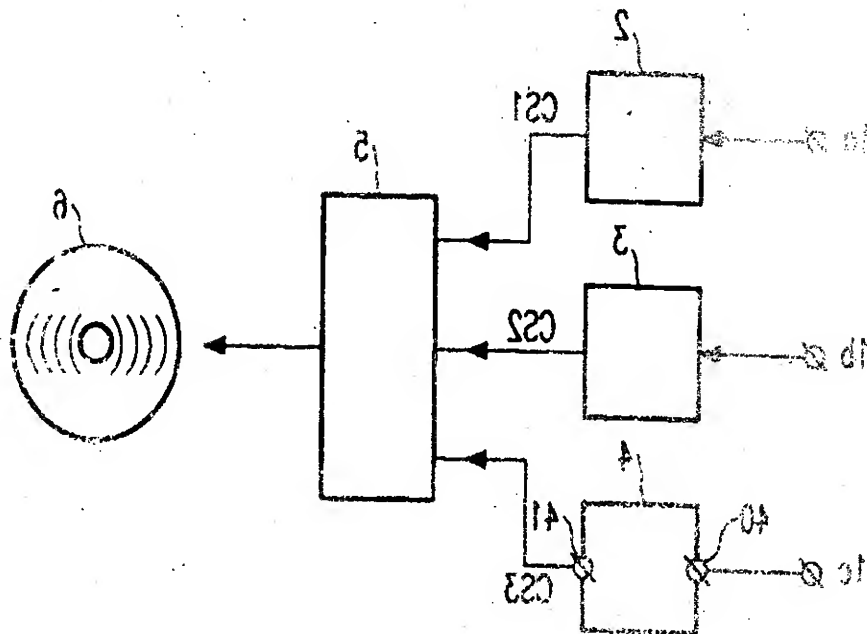
(23) The invention also relates to a method of reproducing an optical record from a carrier, said method comprising the steps of: (a) reproducing a main information signal from a track; (b) reproducing a first channel signal from a lead-in area of the track preceding the main information area; (c) reproducing a second channel signal from a lead-in area of the track preceding the main information area; (d) reproducing a third channel signal from a lead-in area of the track preceding the main information area.

(24) The invention also relates to a method of reproducing an optical record from a carrier, said method comprising the steps of: (a) reproducing a main information signal from a track; (b) reproducing a first channel signal from a lead-in area of the track preceding the main information area; (c) reproducing a second channel signal from a lead-in area of the track preceding the main information area; (d) reproducing a third channel signal from a lead-in area of the track preceding the main information area.

(25) The invention also relates to a method of reproducing an optical record from a carrier, said method comprising the steps of: (a) reproducing a main information signal from a track; (b) reproducing a first channel signal from a lead-in area of the track preceding the main information area; (c) reproducing a second channel signal from a lead-in area of the track preceding the main information area; (d) reproducing a third channel signal from a lead-in area of the track preceding the main information area.

(26) The invention also relates to a method of reproducing an optical record from a carrier, said method comprising the steps of: (a) reproducing a main information signal from a track; (b) reproducing a first channel signal from a lead-in area of the track preceding the main information area; (c) reproducing a second channel signal from a lead-in area of the track preceding the main information area; (d) reproducing a third channel signal from a lead-in area of the track preceding the main information area.

(27) Abstract:





Method of producing an optical record carrier, which method includes writing in a track on an original record carrier a first channel signal representing a main information signal, a second channel signal representing a cue information signal and a third channel signal representing a sub information signal, said main information signal comprising at least one programme item and said cue information signal comprising for said at least one programme item an indication of its location in said track, the method comprising the steps of

- receiving the main information signal, the cue information signal and the sub information signal,
- encoding the main information signal, resulting in said first channel signal,
- encoding the cue information signal, resulting in said second channel signal,
- encoding the sub information signal by generating sub information packs comprising data from said sub information signal plus data for error detection and correction thereof, resulting in said third channel signal,
- writing the first channel signal in a main information area of said track on the information carrier,
- writing the second channel signal and the third channel signal in a lead-in area of said track preceding the main information area, characterized in that said sub information packs are generated in substantially non-interleaved form and included in that form in said third channel signal.

Publication After 18 months:

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 267/KOL/2003 A (22) Date of filing of: 14/05/2003

(54) Title of the Invention : "REPRODUCTION APPARATUS FOR REPRODUCING INFORMATION FROM OPTICAL INFORMATION CARRIER HAVING A FIRST CHANNEL SIGNAL REPRESENTING A MAIN INFORMATION SIGNAL, A SECOND CHANNEL SIGNAL REPRESENTING A CUE INFORMATION SIGNAL, AND A THIRD CHANNEL SIGNAL REPRESENTING A SUB INFORMATION SIGNAL"

(51) International classification : G11B 7/00, 27/32

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No.

: 1617/CAL/96

(64) Filed on : 11/09/1996

(71) Name of the Applicant :

ROYAL PHILIPS ELECTRONICS N.V., AT GROENEWOUDSE WEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

(72) Name of the Inventors :

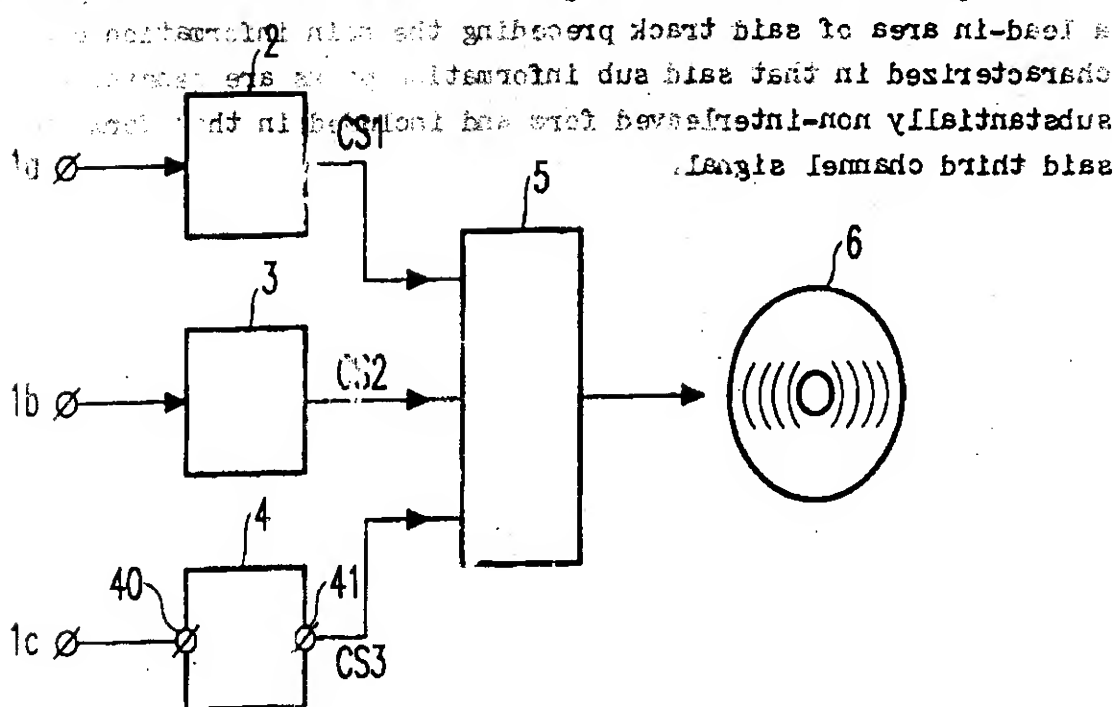
1. GERARDUS CORNELIS PETRUS

LOKHOFF

2. CONSTANT PAUL MARIE JOZEF

BAGGEN

(57) Abstract





# Reproduction apparatus for reproducing information

optical information carrier having a first channel signal representing a main information signal, a second channel signal

representing a cue information signal, and a third channel signal representing a sub information signal, the apparatus being provided

with means for reading a first channel signal representing a main information signal recorded in a main information area of said

track, a second channel signal representing a cue information signal, and a third channel signal representing a sub information signal,

said second and third channel signals having been recorded in a lead-in area of said track preceding said main information area,

- means for decoding the first channel signal to recover said main information signal,

- means for decoding the second channel signal to recover said cue information signal,

- means for decoding the third channel signal to recover said sub information signal, said means comprising means for error detection

and correction, so as to correct errors that may be present in said third channel signal, characterized in that said means for decoding

the third channel signal are devoid of means for de-interlacing

the potassium salt and sodium salt of said hydroxylic acid in proportions 24 - 40% by weight and 14 - 24% by weight respectively, all contained as a percentage of the total hydroxylic acid content of said composition.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.268/KOL/2003 A

(22) Date of filing of : 19/05/2003  
application

(54) Title of the Invention : "METHOD FOR MANUFACTURING HYDROXYCITRIC ACID COMPOSITIONS AND DIETARY SUPPLEMENTS AND FOOD PRODUCTS CONTAINING SUCH COMPOSITIONS"

<p>(51) International classification : A61K 31/34, 31/19 (30) Priority Data : (31) Document No. 08/892414 (32) Date : 14/07/97 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :66/CAL/2001 (64) Filed on :05/02/2001</p>	<p>(71) Name of the Applicant : INTERHEALTH NUTRACEUTICALS INCORPORATED, OF 1320 GALAXY WAY, CONCORD, CALIFORNIA 94520, U.S.A.  (72) Name of the Inventors : GANGA RAJU G.</p>
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(57) Abstract : There is disclosed a method for manufacturing a hydroxycitric acid composition for reducing body weight, said method comprising formulating a composition by mixing calcium salt of hydroxycitric acid having approximately 14 – 26 % by weight of calcium and at least one of the potassium salt and sodium salt of said hydroxycitric acid, in proportions 24 – 40% by weight and 14 – 24% by weight respectively, all calculated as a percentage of the total hydroxycitric acid content of said composition.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.273/KOL/2003 A

(22) Date of filing of : 19/05/2003  
application

(54) Title of the Invention : "MULTI-CORE BRUSH SEAL ASSEMBLY FOR ROTARY MACHINES"

(51) International classification : F01D 11/08

(30) Priority Data :

(31) Document No. 10/184, 179

(32) Date : 27/06/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : GENERAL  
ELECTRIC COMPANY, 1 RIVER ROAD,  
SCHENECTADY NEW YORK 12345, U.S.A.

(72) Name of the Inventors :

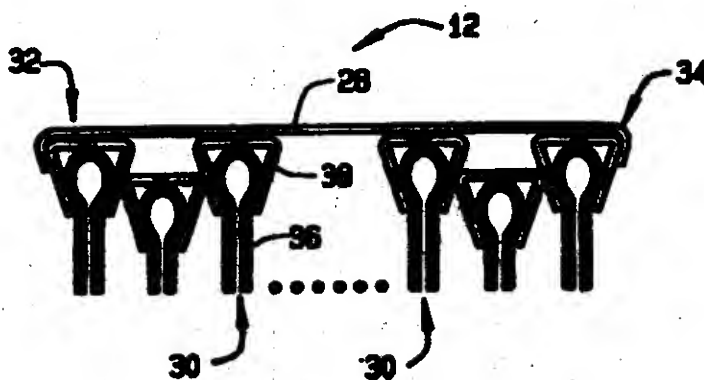
1. MAHMUT FARUK AKSIT,

2. ROBERT RUSSELL MAYER,

3. WEI TONG,

4. DINC, OSMAN SAIM.

(57) Abstract : A brush seal assembly (12) that in an exemplary embodiment includes an elongate brush core bolder (28), at least three elongate brush core packs (30) bundled together side-by-side in the brush core holder forming a single assembly. Each brush core pack includes a bristle bolder (42) and a plurality of bristles (36) coupled to the bristle holder.

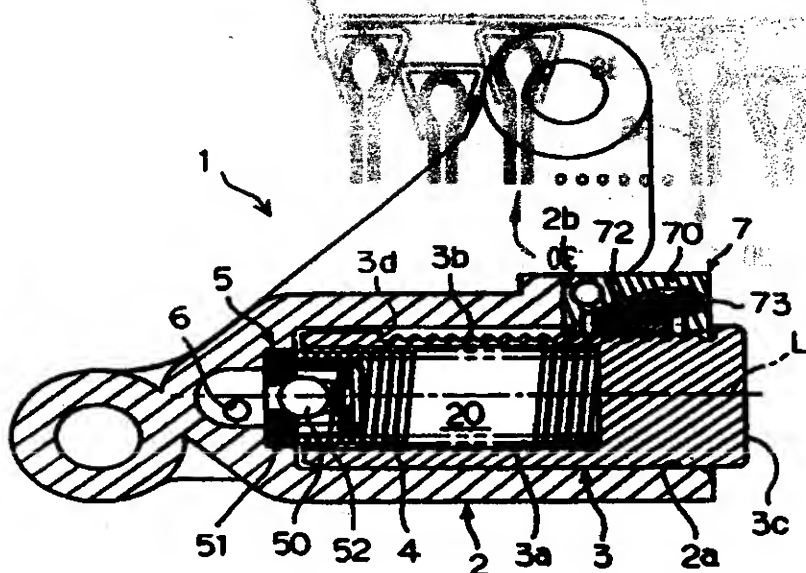


Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 274/KOL/2003 A	(22) Date of filing of application 19/03/2003
(54) Title of the Invention : "HYDRAULIC TENSIONER"	
(51) International classification : F16H 7/08	(71) Name of the Applicant :
(30) Priority Data	BORG WARNER MORSE TEC JAPAN K.
(31) Document No. 2002-363571	K., OF 1300- 50 YABATA, YABARI, NIE
(32) Date : 16/12/2002	518-0495 JAPAN
(33) Name of convention country : JAPAN	
(66) Filed U/s 5(2) : NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	SEUNGPYO SHIN
(62) Filed on : NA	
(63) Divisional to Application No. : NA	
(64) Filed on : NA	

- (57) **Abstract :** A hydraulic tensioner comprising a housing have a central bore open at one end and a recess adjoining the bore having an inclined slide surface opposing the bore. A slider within the recess to prevent the travel of the plunger in a backward direction by a wedge-effect, having a first side engaging the rack teeth of the plunger and a second side sliding along the inclined surface of the recess in a direction crossing the axial centreline of the plunger. The slider being biased in such a way that the slider moves along the inclined slide surface of the recess of the housing in a direction of engagement of the ratchet portion of the slider with the rack teeth of the plunger.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

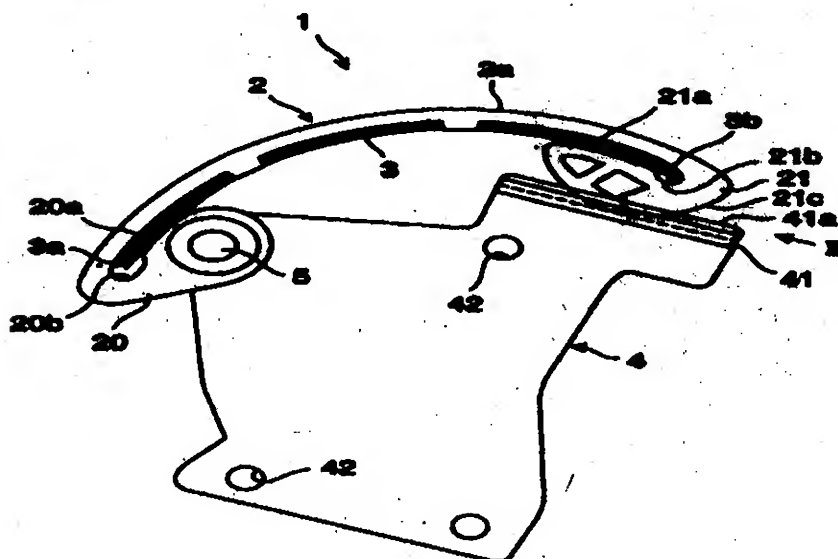
(21) Application No. 275/KOL/2003 A

(22) Date of filing of : 19/05/2003  
application

(54) Title of the Invention : "BLADE-TYPE TENSIONER"

<p>(51) International classification : F16H 7/08  (30) Priority Data :  (31) Document No. 2003-48995  (32) Date : 26/02/2003  (33) Name of convention country : JAPAN  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NA  (64) Filed on : NA</p>	<p>(71) Name of the Applicant :  BORGWARNER MORSE TEC JAPAN K.  K., OF 1300- 50 YABATA, NABARI, MIE  518-0495 JAPAN.    (72) Name of the Inventors :  1. YONEZAWA SHINICHI,  2. SAKMOTO NAOKI.</p>
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- (57) Abstract : A blade-type tensioner for applying tension to a chain comprising a base, an arcuately shaped blade shoe having a chin sliding face, a spring provided on a back side of the blade shoe, and a guide member. The blade shoe has proximal end portion and a distal end portion, where the proximal end portion is swingably supported on the base, and the distal end portion is slidably supported on a slide plate of the base. The distal end portion of the blade shoe is guided by a self-aligning action of the slide plate in such a way that the distal end portion is centrally positioned in a lateral direction on the slide plate.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.276/KOL/2003 A

(22) Date of filing of : 19/05/2003  
application

(54) Title of the Invention : "BUTTONHOLE SEWING MACHINE"

(51) International classification : D05B 3/06, 37/04

(30) Priority Data :

(31) Document No. 10225511.3

(32) Date : 10/06/2002

(33) Name of convention country :  
GERMANY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

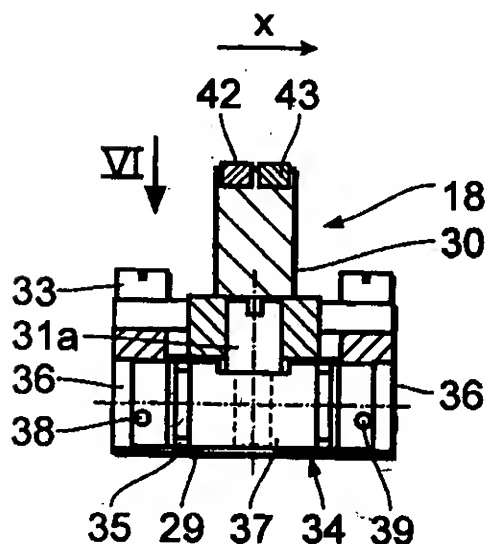
(64) Filed on :NA

(71) Name of the Applicant : DURKOPP  
ADLER AKTIENGESELLSCHAFT, OF  
POTSDAMER STRASSE 190, D-33719  
BIELEFELD, GERMANY.

(72) Name of the Inventors :

1. FILGES KARSTEN,
2. JANOCHA THEODOR,
3. FISCHER JOCHEN.

(57) Abstract : A buttonhole sewing machine comprises a buttonhole cutting device which includes a knife and a cutting block unit with several cutting blocks (42, 43), one of which at a time being movable into a position of cooperation with the knife. The cutting blocks (42, 43) are mounted on an anvil (18) that is stationarily joined to the sewing machine. The knife is movable from above against the anvil (18).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 277/KOL/2003 A

(22) Date of filing of : 19/05/2003  
application

(54) Title of the Invention : "BUTTONHOLE SEWING MACHINE"

(51) International classification : D05B 3/06, 37/04

(30) Priority Data :

(31) Document No. 10225512.1

(32) Date : 10/06/2002

(33) Name of convention country :  
GERMANY

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NA

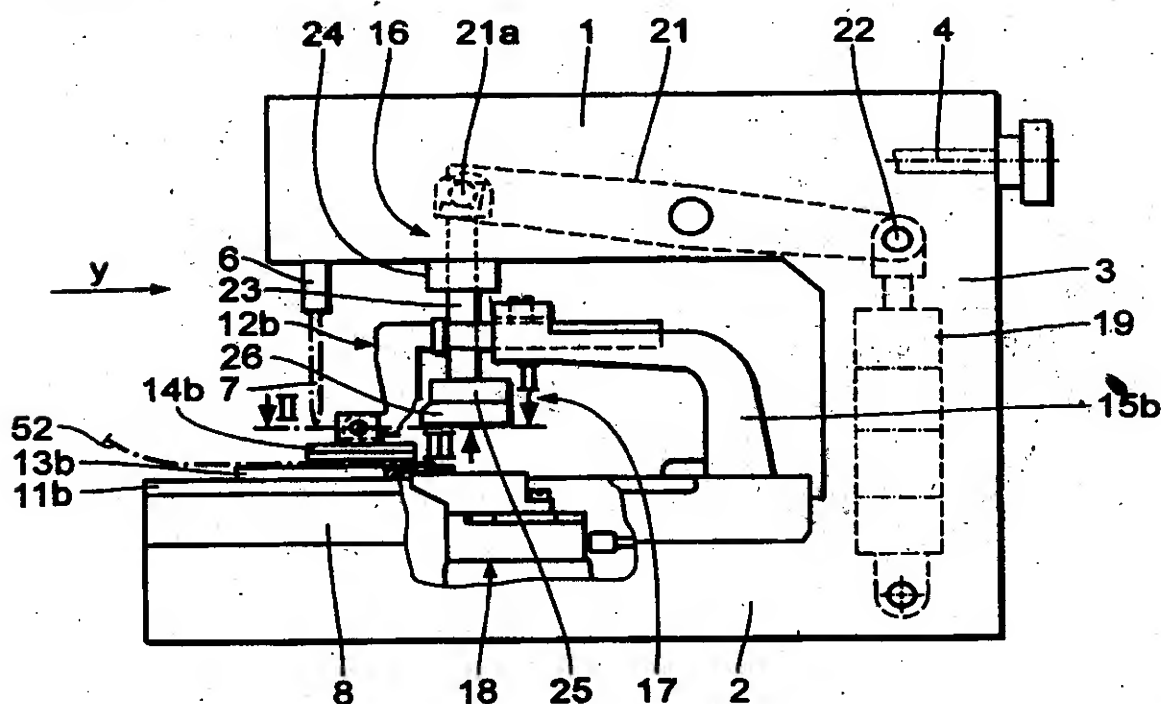
(64) Filed on : NA

(71) Name of the Applicant : DURKOPP  
ADLER AKTIENGESELLSCHAFT, OF  
POTSDAMER STRASSE 190, D-33719  
BIELEFELD, GERMANY.

(72) Name of the Inventors :

1. FILGES KARSTEN,
2. JANOCHA THEODOR,
3. FISCHER JOCHEN.

(57) Abstract : A buttonhole sewing machine comprises a buttonhole cutting device (16) which includes a knife (26) and at least one cutting block that cooperates with the knife (26). Provision is made for a cutting drive (19) for motion of the knife (26) and the cutting block relative to each other by variable cutting force, the cutting drive (19) comprising several linear drives which are connected in parallel and pneumatically actuated selectively.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 278/KOL/2003 A

(22) Date of filing of : 19/05/2003  
application

(54) Title of the Invention : "YARN WINDING TUBE WITH REMOVABLE END RING"

(51) International classification : B65H  
75/28, 75/18

(30) Priority Data :

(31) Document No. 10/184, 207

(32) Date : 28/06/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(51) Patent of addition to application No. NA

(62) Filed on : NA

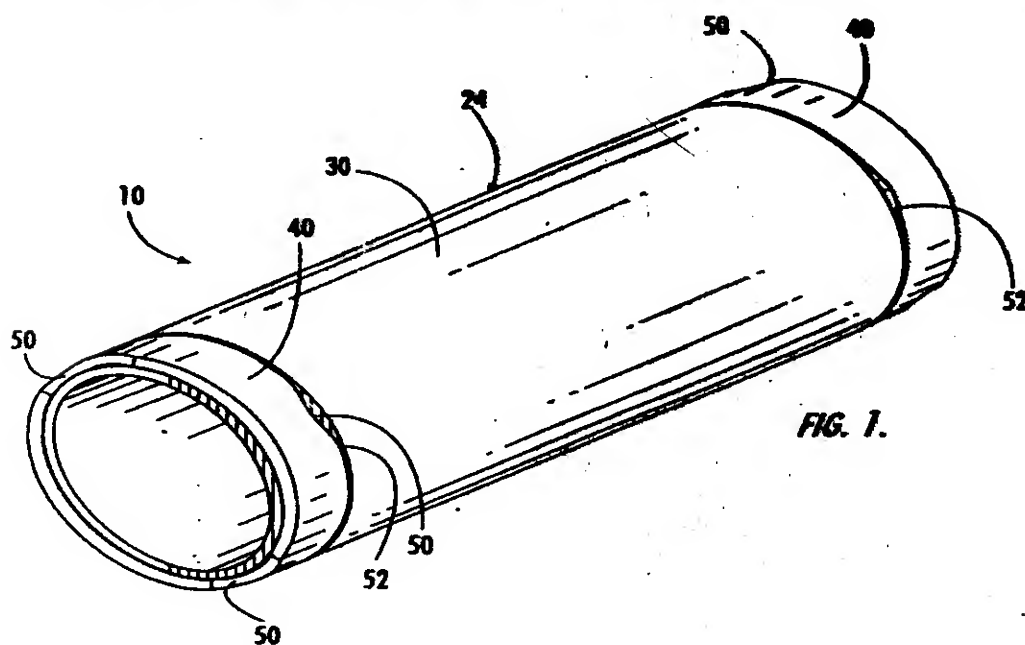
(63) Divisional to Application No. : NA

(64) Filed on : NA

(71) Name of the Applicant : SONOCO  
DEVELOPMENT, INC., NORTH SECOND  
STREET HARTSVILLE, SOUTH  
CAROLINA 29550 US, U.S.A.

(72) Name of the Inventors :  
COUCHEY BRIAN P.,

(57) Abstract : A winding tube has a tubular body and a removable and replaceable end ring. The end ring has opposite end faces that, according to one embodiment, each define at least two recesses that form start-up regions between the end ring and the tubular body for capturing yarn during a winding operation. The recesses are spaced apart from one another so as to allow the end ring to be easily mounted and secured to the tubular body, and allowing the end ring to be reversible in relation to the tubular body.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.282/KOL/2003 A

(22) Date of filing of : 23/05/2003  
application

(54) Title of the Invention : "DISPLAY ORGANISER"

(51) International classification : A47B 57/54

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

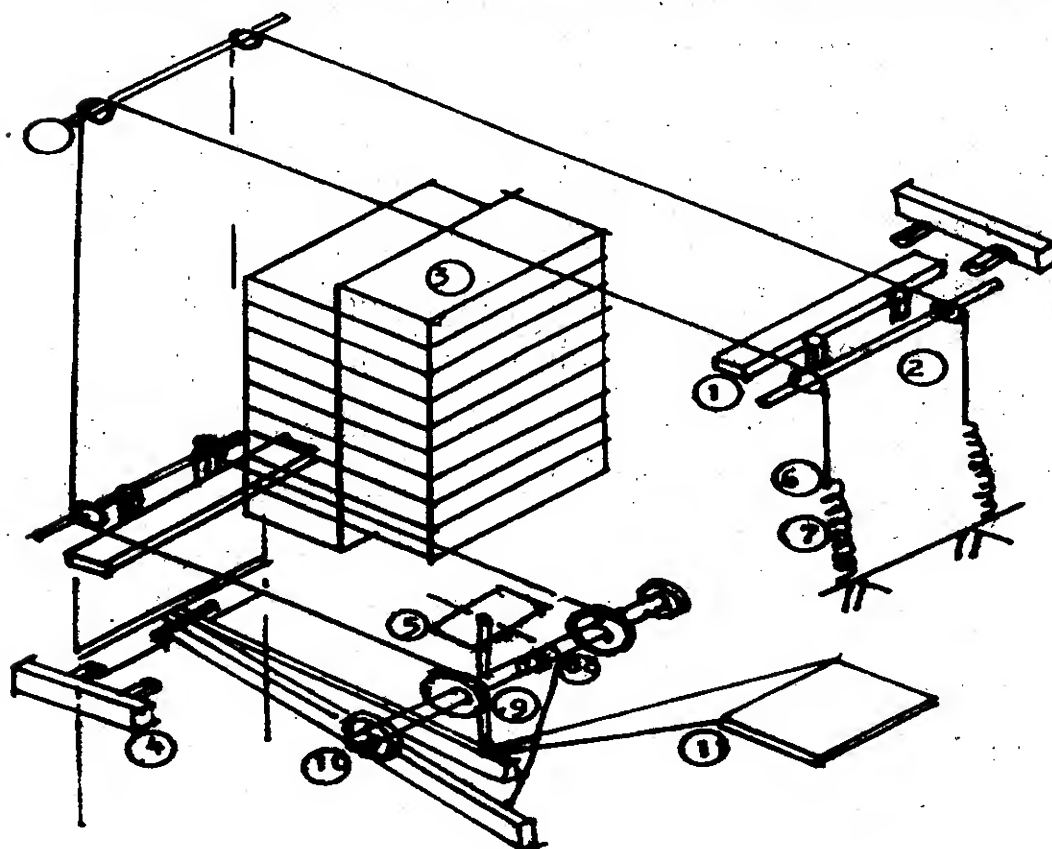
(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : BANERJEE,  
PRITHWISH KUMAR, 5/316,  
CHITTARANJAN COLONY, KOLKATA -  
700 032.

(72) Name of the Inventors :  
BANERJEE, PRITHWISH KUMAR

(57) Abstract : A vertical structure is made or steel material of suitable strength depending on the weight and height of the commodity to be handled material for display will be kept in equally dimensioned trays. The trays will be displayed in two rows as shown in the enclosed blow out diagram. Continuous changing of position of the trays will be done by two shifters, one at the bottom and the other at the top. A endless chain will be formed.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 287/KOL/2003 A

(22) Date of filing of : 26/05/2003  
application

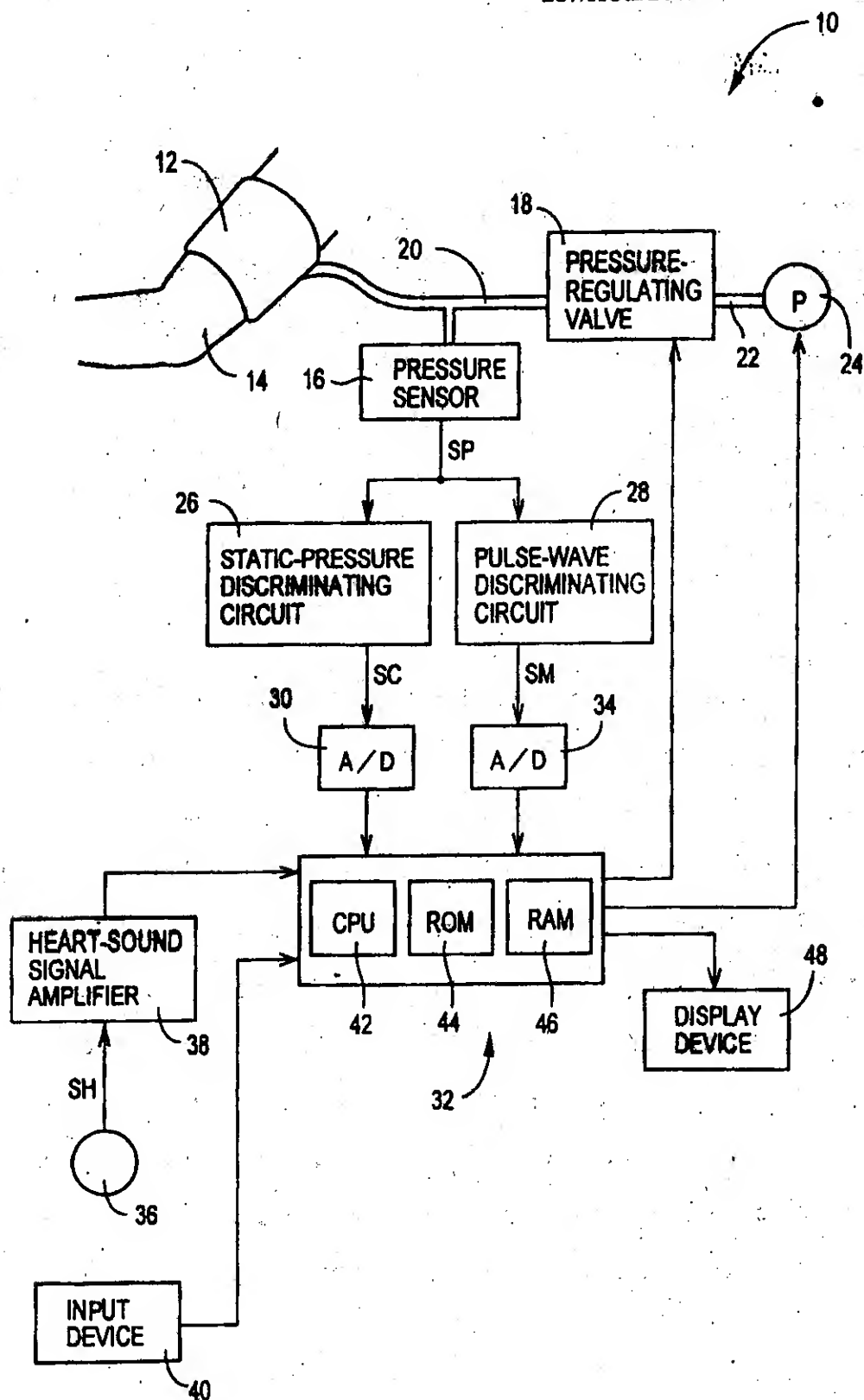
(54) Title of the Invention : "VITAL-INFORMATION OBTAINING APPARATUS"

(51) International classification : A61B 5/02 (30) Priority Data : (31) Document No. 2002-301407 (32) Date : 16/10/2002 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : COLIN CORPORATION, OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN.  (72) Name of the Inventors : NARIMATSU KIYOYUKI
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(57) Abstract :

A vital-information obtaining apparatus including a cuff (12) to be worn on a predetermined portion (14) of a living subject, a cuff-pressure control device (50) operable to control an inflation pressure of the cuff, a cuff-pulse-wave detecting device (28) operable to detect a cuff pulse wave which is a pressure pulsation transmitted from the living subject to the cuff, and a vital-information determining device (52, 54) operable while an inflation pressure (PC) of the cuff is held at a value (PCh) higher than a systolic blood pressure of the subject under the control of the cuff-pressure control device, and wherein the vital-information determining means determines vital information of the subject, on the basis of a notch (n) of the cuff pulse wave detected by the cuff-pulse-wave detecting device.

287/KOL/2003 A



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 288/KOL/2003 A

(22) Date of filing of : 26/05/2003  
application

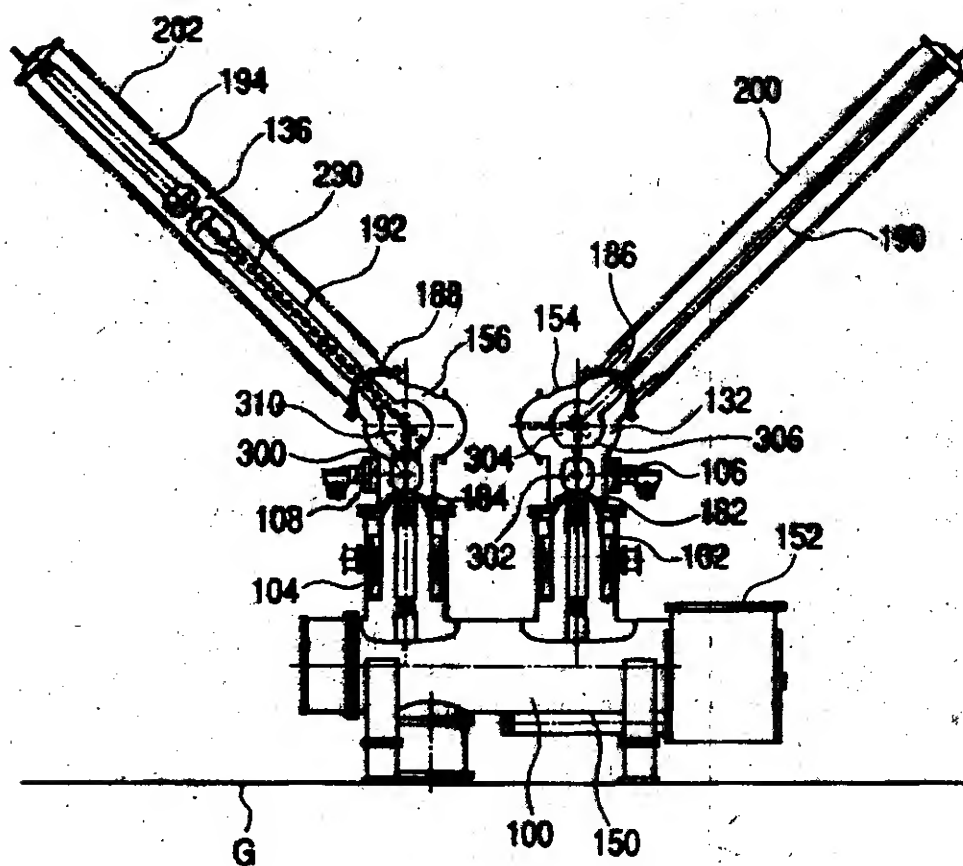
(54) Title of the Invention : "GAS- INSULATED SWITCHGEAR"

<p>(51) International classification : H02B 13/02, H01H 33/42 (30) Priority Data : (31) Document No. 2002-159154 (32) Date : 31/05/2002 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : HITACHI, LTD., OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU, TOKYO 101-8010, JAPAN.  (72) Name of the Inventors : 1. OKABE MAMORU, 2. TANAKA TOYOKAZU, 3. KIDA JUNZO.</p>
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(57) Abstract :

The present invention relates to a gas-insulated switchgear for connecting and disconnecting an air bus conductor power transmission system. The switchgear comprises a first container enclosing a lateral gas-blast circuit breaker, an insulating spacer for supporting a conductor disposed above both sides of the first container and connected with the gas-blast circuit breaker, a second container disposed above the spacer, a bushing disposed above the second container and connected with an air bus conductor, a disconnecter disposed in the bushing, and an operating device disposed outside of the second container for connecting and disconnecting the disconnecter. The number of containers is reduced to downsize and cost down the switchgear.

288/KOL/2003 A



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

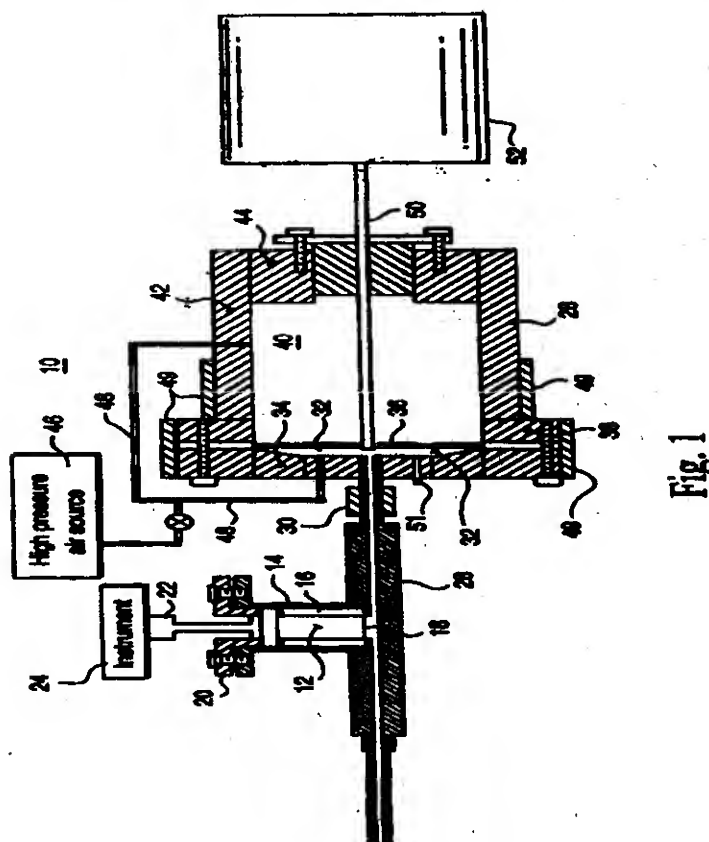
(21) Application No. 289/KOL/2003 A

(22) Date of filing of : 26/05/2003  
application

(54) Title of the Invention : "CALIBRATION METHOD AND SYSTEM FOR A DYNAMIC COMBUSTOR SENSOR"

<p>(51) International classification : G01L 27/00  (30) Priority Data :  (31) Document No. 10/161, 702  (32) Date : 05/06/2002  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : <b>GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.</b>  (72) Name of the Inventors :  1. NAUMIEC, ROBERT J.,  2. SMITH, WALTER J.,  3. HAN, FEL,  4. GLEESON, EAMON,  5. HEDEEN, ROBERT A.</p>
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(57) Abstract : In one embodiment, the invention is a pressure sensor calibration system (10, 60, 80) comprising a pressure chamber (32, 66, 98, 134, 197) in fluid communication with a pressure sensor (12) to be calibrated, the chamber is pressurized to a static pressure level. An oscillating surface (36, 62, 150, 202) on a wall of the chamber imparts a rapid pressure fluctuation in the static pressure level of the chamber. These rapid pressure fluctuations in a high-static pressure level chamber are used to calibrate the pressure sensor.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

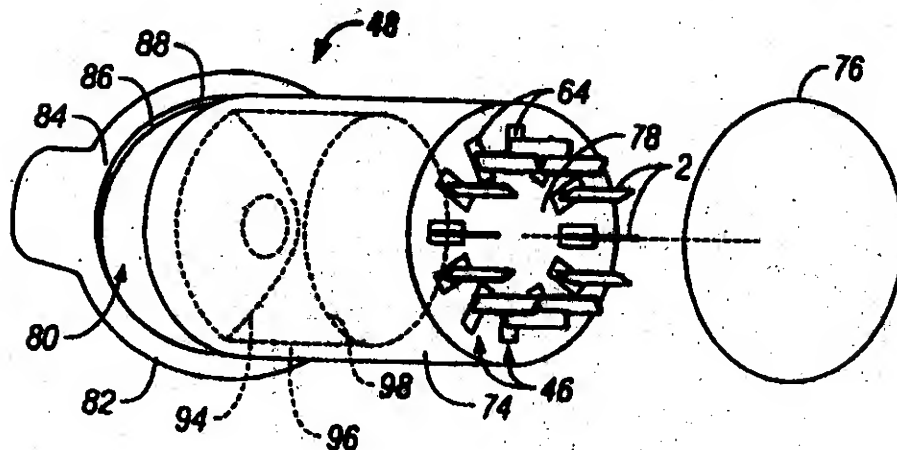
(21) Application No. 290/KOL/2003 A

(22) Date of filing of : 26/05/2003  
application

(54) Title of the Invention : "TEST STRIP CONTAINER SYSTEM"

<p>(51) International classification : G01N 37/00, B01L 11/00, B65D 83/08</p> <p>(30) Priority Data :</p> <p>(31) Document No. 10/162, 245</p> <p>(32) Date : 03/06/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A.</p> <p>(72) Name of the Inventors : 1. MCALLISTER, DEVIN, 2. LEONG, KOON-WAH.</p>
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(57) Abstract : A test strip container is disclosed. It is adapted to individually receive a plurality of test strips in a sealed fashion. A foil seal and/or mechanical seal may be provided that allows access/exposure to one test strip at a time. The container may also include a waste receptacle that can be closed-off for safe storage of spent test strips. The container may be used separately from a meter/lancing device which accepts and uses test strips or the container may itself be at least partially loaded into a meter for a more direct interface. The subject devices as well as methodology associated with their use are described. Kits including at least one subject device are also provided.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

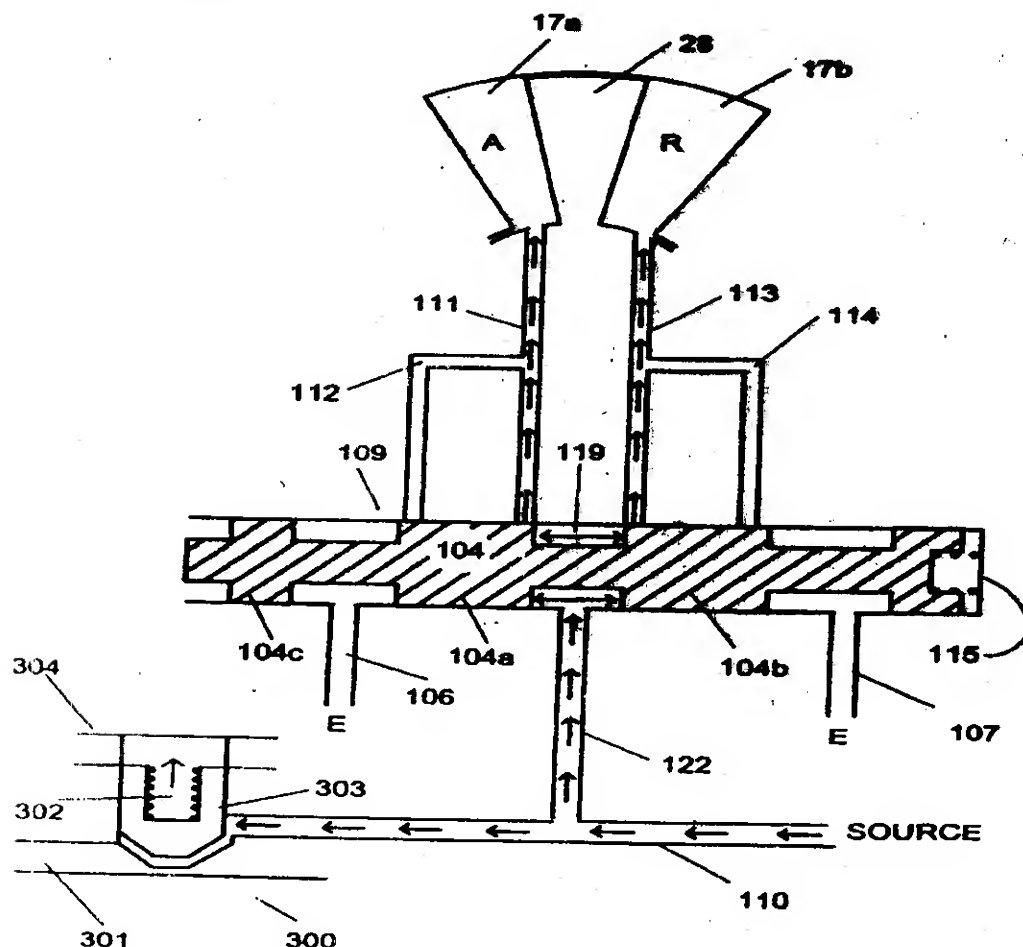
(21) Application No. 291/KOL/2003 A

(22) Date of filing of : 26/05/2003  
application

(54) Title of the Invention : "A METHOD TO ENSURE ROBUST OPERATION OF A PIN LOCK WITH A CENTER MOUNTED SPOOL VALVE IN A VANE STYLE CAMPHASER"

<p>(51) International classification : F01L 1/34  (30) Priority Data :  (31) Document No. 60/389, 067  (32) Date : 14/06/2002  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant :  <b>BORGWARNER INC., AT POWERTRAIN  TECHNICAL CENTER, 3900  AUTOMATION AVENUE, SUITE 100,  AUBURN HILLS, MI 48326-1782, U.S.A.</b>    (72) Name of the Inventors :  1. SIMPSON ROGER,  2. GARDNER MARTY</p>
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(57) Abstract : A variable camshaft timing phaser having a locking pin directly influenced by engine oil, which is not impacted by any intervening valves. The locking pin is comprised of a tapered pin, which fits into a tapered recess. The locking pin is biased towards engaging by a spring, and is retracted by oil from the engine oil supply. The locking pin remains disengaged from the tapered recess as long as the oil pump is on.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.292/KOL/2003 A

(22) Date of filing of : 27/05/2003  
application

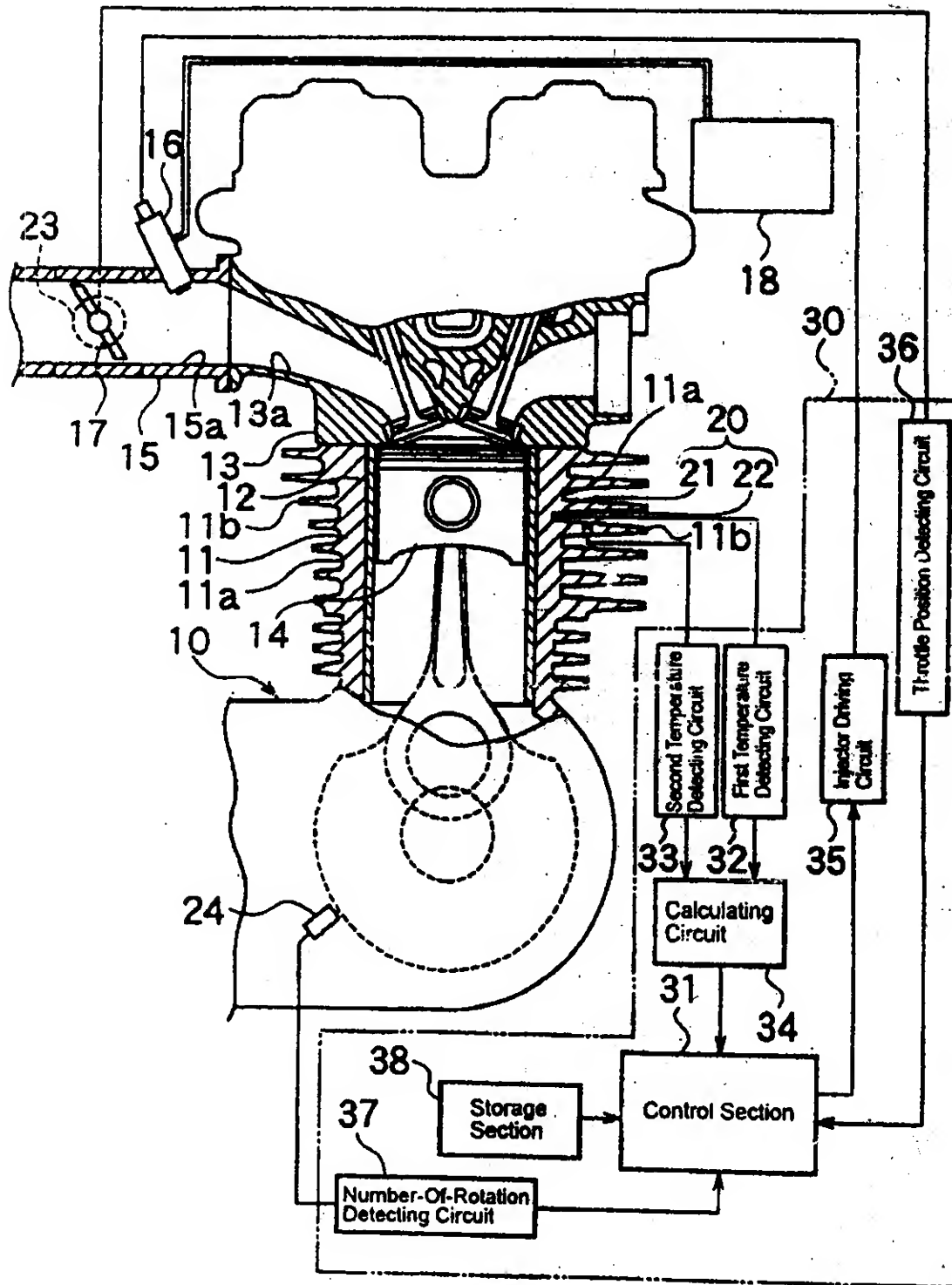
(54) Title of the Invention : "ENGINE CONTROL APPARATUS"

<p>(51) International classification : F02D 41/06, 41/14  (30) Priority Data :  (31) Document No. 2002-163881  (32) Date : 05/06/2002  (33) Name of convention country : JAPAN  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NA  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MIKUNI CORPORATION, OF 13-11, SOTOKANDA 6-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN.  (72) Name of the Inventors : YAMAZAKI, SHIGERU</p>
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(57) Abstract :

In an air-cooled engine, the temperature of the engine is detected with high accuracy to control fuel injection in optimal conditions. In order to detect the temperature of the engine, a first temperature sensor 21 and second temperature sensor 22 are provided at two spaced portions respectively on a cylinder block 11, and based on the function of a temperature difference between temperatures  $T_1$  and  $T_2$  respectively detected by the first temperature sensor 21 and second temperature sensor 22 and the thermal resistance specific to the engine, a calculating circuit 34 calculates the engine temperature  $T_0$  inside the engine. In this way, the detection (estimation) accuracy of the engine temperature is improved and the optimal engine control is performed.

292/KOL/2003 A



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.293/KOL/2003 A

(22) Date of filing of : 27/05/2003  
application

(54) Title of the Invention : "TRANSMISSION SYSTEM WITH HIGH FREQUENCY STABILITY"

(51) International classification : H04B 1/40,  
H04N 5/44, 5/445, 5/12

(30) Priority Data :

(31) Document No. 02/07685

(32) Date : 18/06/2002

(33) Name of convention country : FRANCE

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

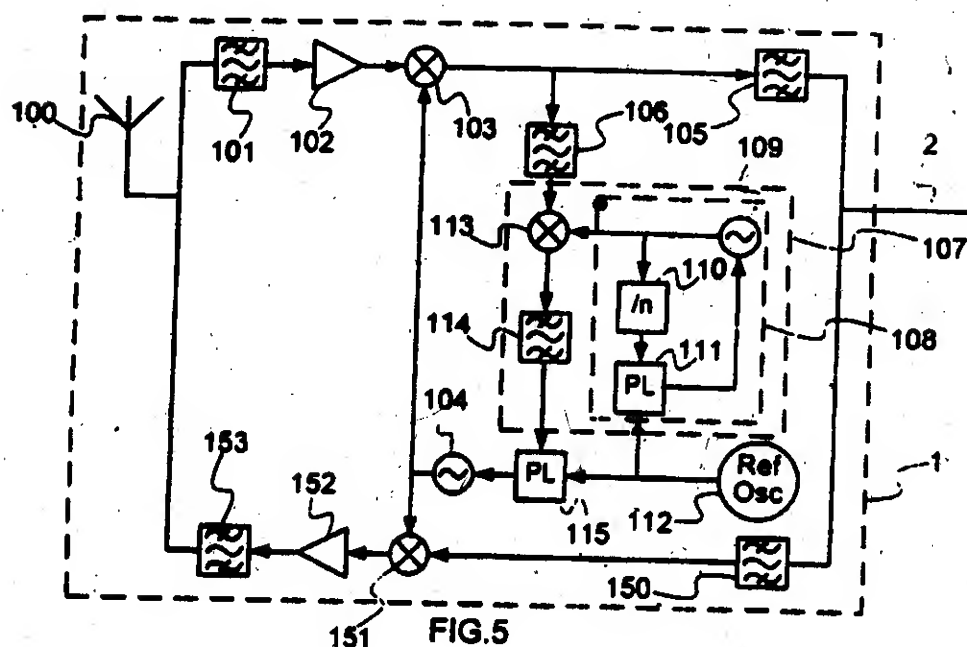
(64) Filed on :NA

(71) Name of the Applicant : THOMSON  
LICENSING S.A., OF 46, QUAI A. LE  
GALLO 92100 BOULOGNE-  
BILLANCOURT, FRANCE.

(72) Name of the Inventors :

1. MOCOUDARD OLIVIER,
2. LE NAOUR JEAN-YVES,
3. ROBERT JEAN-LUC.

(57) Abstract : The invention proposes a transmission system using a reference subcarrier to synchronize a lock oscillator 104. The reference subcarrier can be placed at various locations of the band allotted to an operator. The external unit 1 of the reception device comprises frequency-wise selection means 107 which make it possible to select the synchronization subcarrier.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 294/KOL/2003 A

(22) Date of filing of : 28/05/2003  
application

(54) Title of the Invention : "A SPECIAL TORNADO/CYCLONE GENERATOR MACHINE"

(51) International classification : G01D 7/02, F15B 5/00 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : BIHARI LAL AGARWAL, READER, CIVIL ENGINEERING DEPT., CET, OUAT, BHUBANESWAR – 751 003  (72) Name of the Inventors : B. L. AGARWAL
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(57) Abstract : There is no technology available for measurement of tornadoes or their generation/simulation in the laboratory. Testing of structures and houses against clones and tornadoes is difficult without such a system. Presented here is for the first time a Machinery, which generates and simulates an actual Tornado/cyclone laboratory. This would help a lot in testing and design of houses resistant to clones and tornadoes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 296/KOL/2003 A

(22) Date of filing of : 29/05/2003  
application

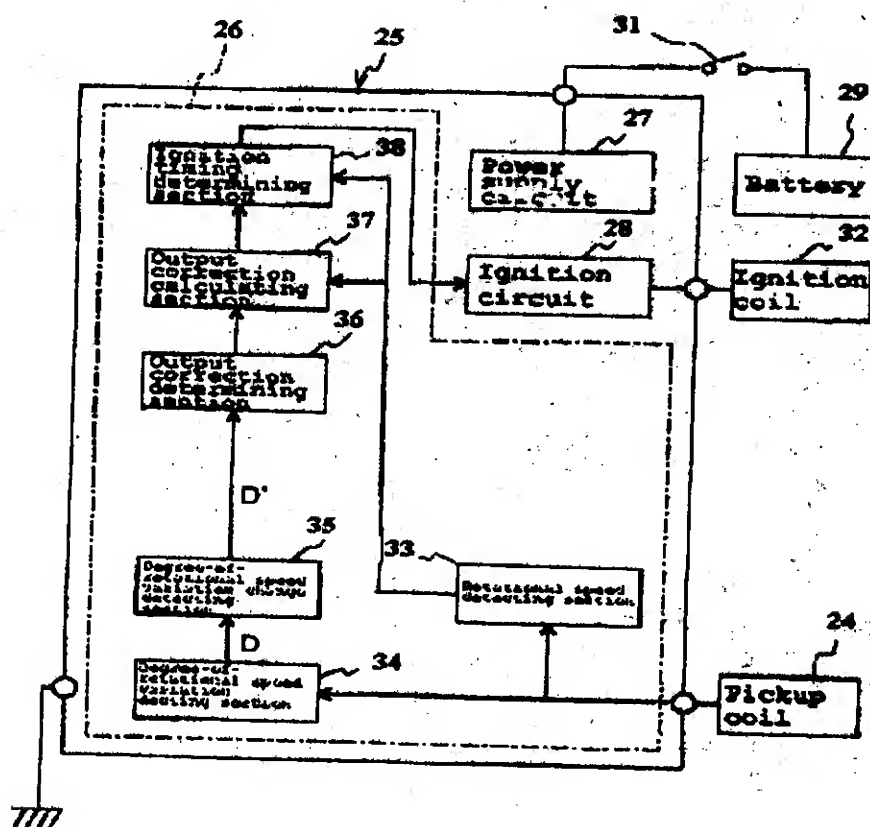
(54) Title of the Invention : "IGNITION CONTROLLER"

(51) International classification : F02P 5/00  
(30) Priority Data :  
(31) Document No. 2002-156562 & 10/249988  
(32) Date : 30/05/2002 & 23/05/2003  
(33) Name of convention country : JAPAN & U.S.A.  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN.

(72) Name of the Inventors :  
1. ISODA NAOYA,  
2. NAGATSU YOSHIYUKI

(57) Abstract : A number of embodiments of improved engine system control method and apparatus based on operator demand and rate of change in demand that reduce not only the number of components but also decrease the complexity of the electronic system without requiring a throttle position sensor.



296/KOL/2003 A

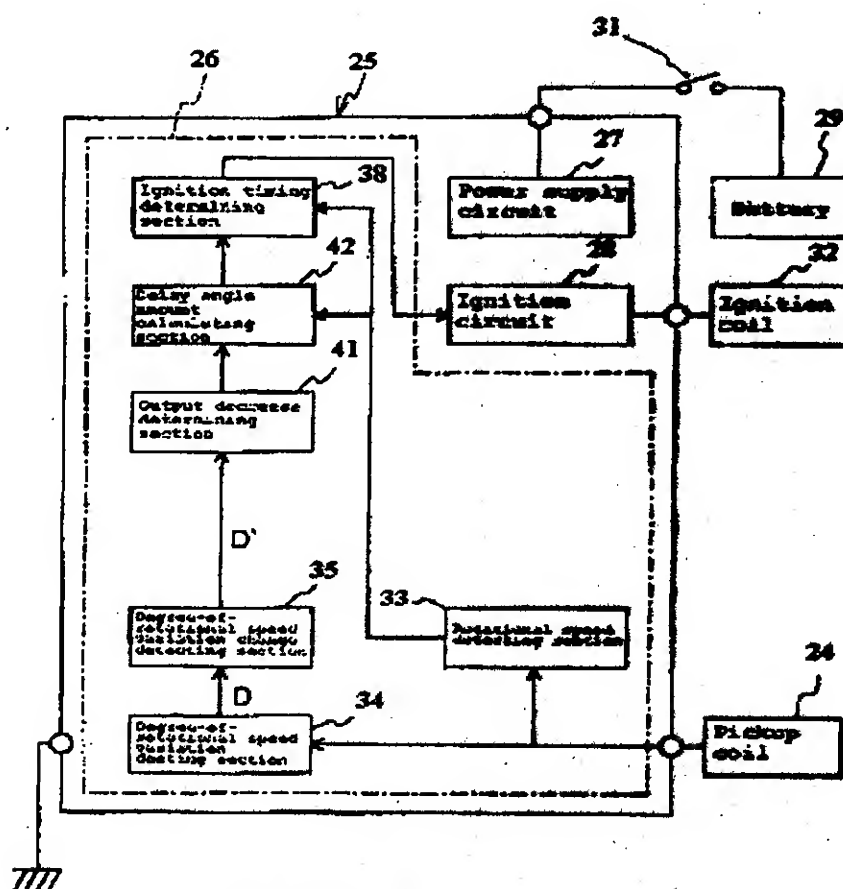
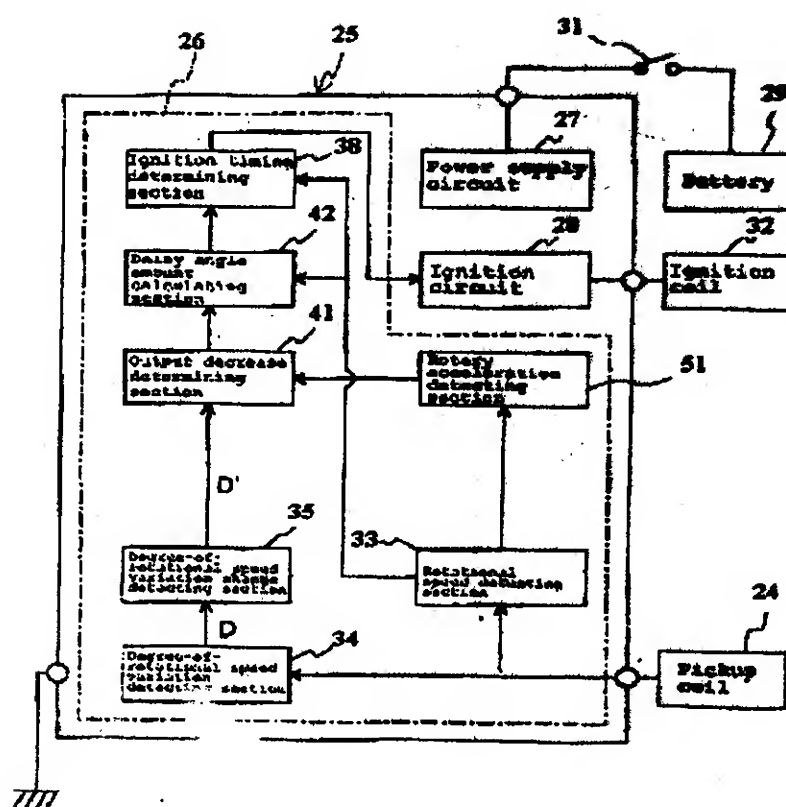


FIG. 4





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

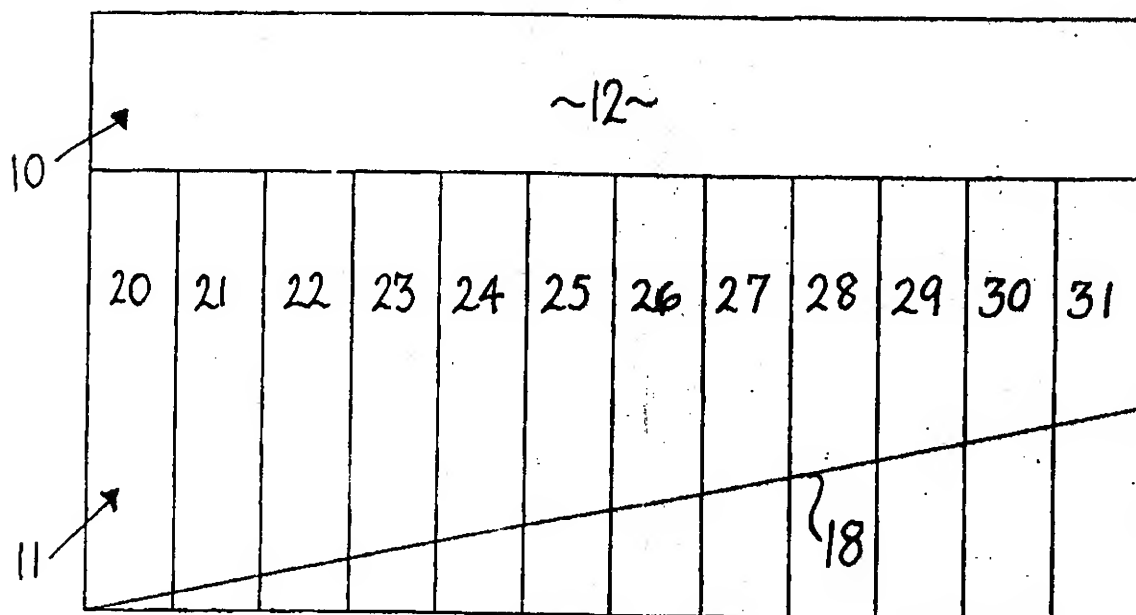
(21) Application No. 300/KOL/2003 A

(22) Date of filing of : 30/05/2003  
application

(54) Title of the Invention : "SETS OF TOOLS"

(51) International classification : B25F 1/00 (30) Priority Data : (31) Document No. 0213043.3 (32) Date : 07/06/2002 (33) Name of convention country : U.K. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. : <del>NIL</del> (64) Filed on :NA	(71) Name of the Applicant : PALMER ANDREW PATRICK, OF TOP COTTAGE, BOWER HINTON FARM, MARTOCK, SOMERSET TA 12 6LH, ENGLAND  (72) Name of the Inventors : PALMER ANDREW PATRICK
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(57) Abstract : Combination spanners are contained in pockets (20 -31) in a tool roll and are arranged in pairs. The ring end of one spanner (15) matches in size the open end of the other spanner (16) of the pair and vice versa, and the pockets (20 -31) of the tool roll are arranged in pairs, with the pockets (20 - 31) of each pair marked in a different manner to the pockets (20 - 31) of the or each adjacent pair.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 301/KOL/2003 A

(22) Date of filing of : 30/05/2003  
application

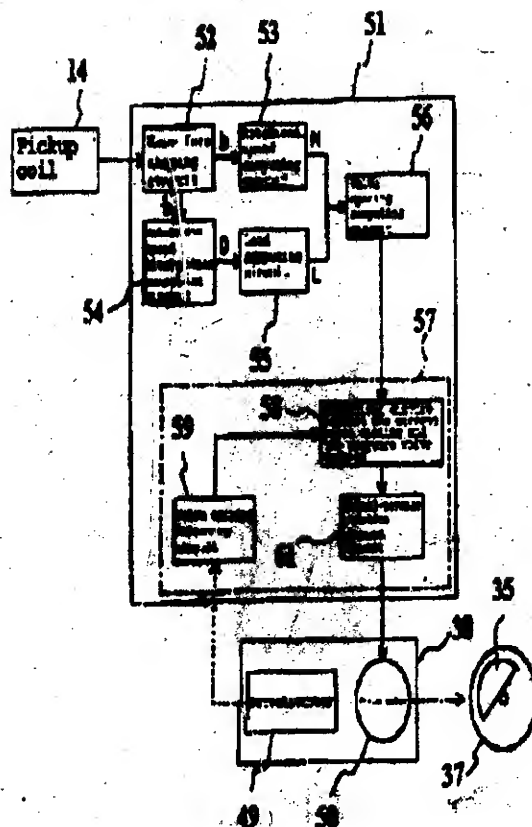
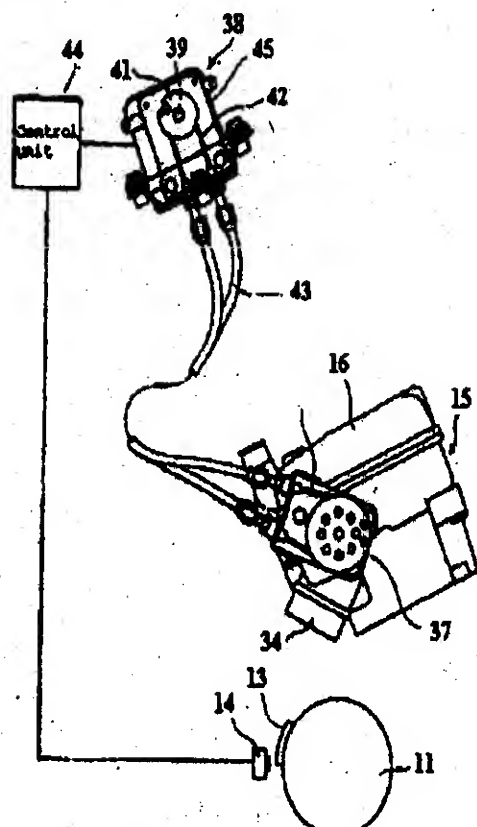
(54) Title of the Invention : "EXHAUST TIMING CONTROLLER FOR TWO-STROKE ENGINE"

(51) International classification : F02D 13/02  
(30) Priority Data :  
(31) Document No. 2002-156587 & 10/249986  
(32) Date : 30/05/2002 & 23/05/2003  
(33) Name of convention country : JAPAN & U.S.A.  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : **KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN.**

(72) Name of the Inventors :  
1. ISODA NAOYA,  
2. NAGATSU YOSHIYUKI.

(57) Abstract : A method and apparatus that permits engine system control such as exhaust valve timing without the use of separate load sensors from the output of a single engine timing sensor.



### Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 302/KOL/2003 A

(22) **Date of filing of : 30/05/2003**  
**application**

(54) **Title of the Invention :** "OIL CONTROL DEVICE FOR TWO-STROKE ENGINE"

(51) International classification : F01M 7/00

(30) Priority Data :

(31) Document No. 2002-156686 & 10/249987

(32) Date : 30/05/2002 & 23/05/2003

(33) Name of convention country : JAPAN & U.S.A.

(66) Filed U/s 5(2) :NITL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No.: NIL

(64) Filed on :NA

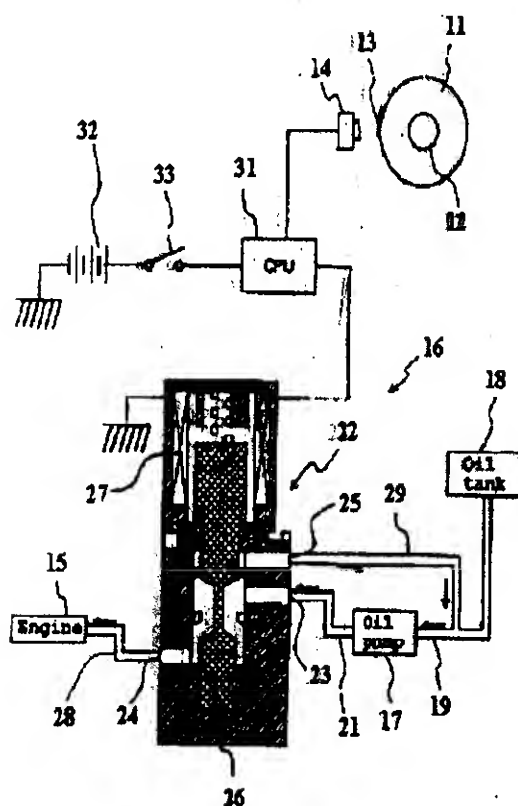
**(71) Name of the Applicant : KABUSHIKI  
KAISHA MORIC, OF 1450-6, MORI,  
MORI-MACHI, SHUUCHI-GUN,  
SHIZUOKA-KEN, JAPAN.**

(72) Name of the Inventors :

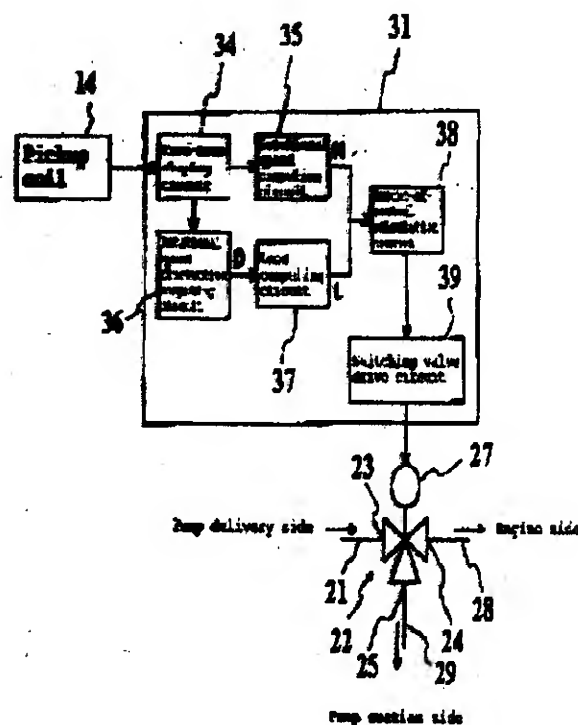
1. ISODA NAOYA.

2. NAGATSU YOSHIYUKI.

(57) **Abstract** : A method and apparatus that permits engine lubricant control without the use of separate load sensors from the output of a single engine timing sensor.



**FIG. 3**



**FIG. 4**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 303/KOL/2003 A

(22) Date of filing of : 30/05/2003  
application

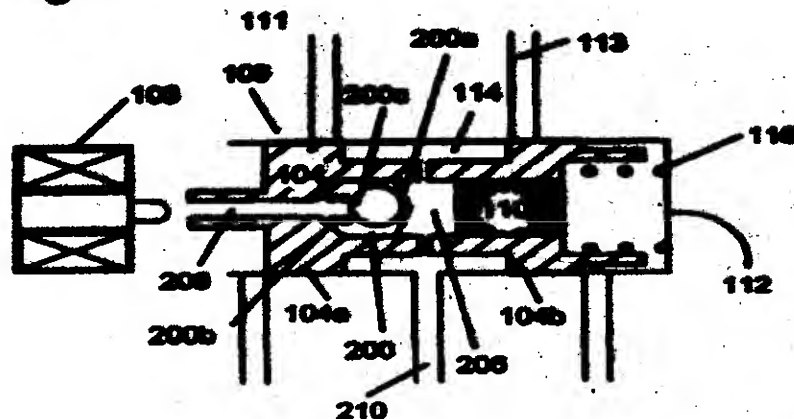
(54) Title of the Invention : "METHOD TO VENT AIR FROM A CAMPHASER WITH A CENTER MOUNTED SPOOL VALVE"

<p>(51) International classification : F01L 1/34  (30) Priority Data :  (31) Document No. 60/389, 868  (32) Date : 14/06/2002  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant :  BORGWARNER INC., AT POWERTRAIN  TECHNICAL CENTER, 3800  AUTOMATION AVENUE, SUITE 100  AUBURN HILLS, MI 48326-1782, U.S.A.    (72) Name of the Inventors :  1. SIMPSON ROGER T.,  2. SMITH FRANKLIN R.</p>
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(57) Abstract :

A variable camshaft phase adjustment device (phaser) for an internal combustion engine having at least one camshaft. The phaser has a housing having an outer circumference for accepting a drive force, and a rotor connected to a camshaft axially located within the housing. The housing and the rotor are capable of rotation to shift the relative angular position of the camshaft and the crankshaft. The spool valve comprising a spool axially mounted within a bore in the rotor. In the spool a chamber is present that has an input communicating with the bore the spool is mounted in, an output communicating with the outside, and an air flow restriction. Hydraulic fluid from the input communicating with the bore is prevented from communicating with the outside by the air flow restriction. The air flow restriction is either in the input communicating with the bore or the output communicating with the outside.

Fig. 1



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 376/KOL-NP/2003 A

(22) Date of filing of : 01/04/2003  
application

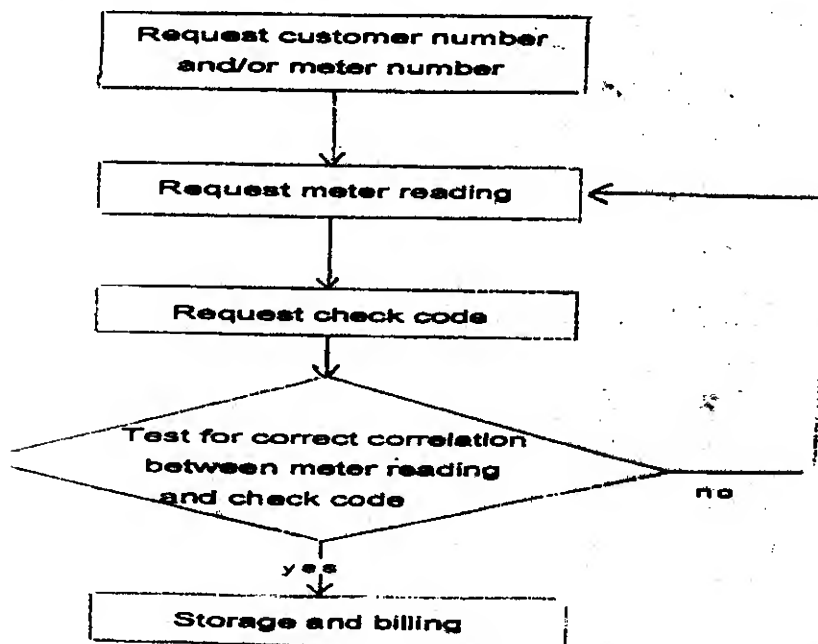
(54) Title of the Invention : "DEVICE FOR REMOTE REQUESTING OF CONSUMPTION DATA"

<p>(51) International classification : H04Q 9/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 45 000.8 &amp; 100 52 491.5</p> <p>(32) Date : 11/09/2000 &amp; 23/10/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : ZENNER GMBH &amp; CO. KGAA., OF ROMERSTADT 4, 66121 SAARBRUCKEN, GERMANY.</p> <p>(72) Name of the Inventors : SCHUSSLER GERHARD</p>
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(57) Abstract : The invention relates to a server operable via a keypad or keyboard and to a method of collecting consumption data recorded by electricity, heating, water and gas meters, etc,

To provide a device which permits reliable but cost-efficient meter data collection, the invention provides for the server to have means for requesting consumption data recorded by electricity, heating, water and gas meters, etc., for the server to have means for requesting a check code, and for the server to have means for testing the correlation between the requested consumption data and the control code.

The main advantage of the invention is that it provides an extremely reliable method of collecting supply-meter consumption data, which is nevertheless substantially cheaper to operate than known methods.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

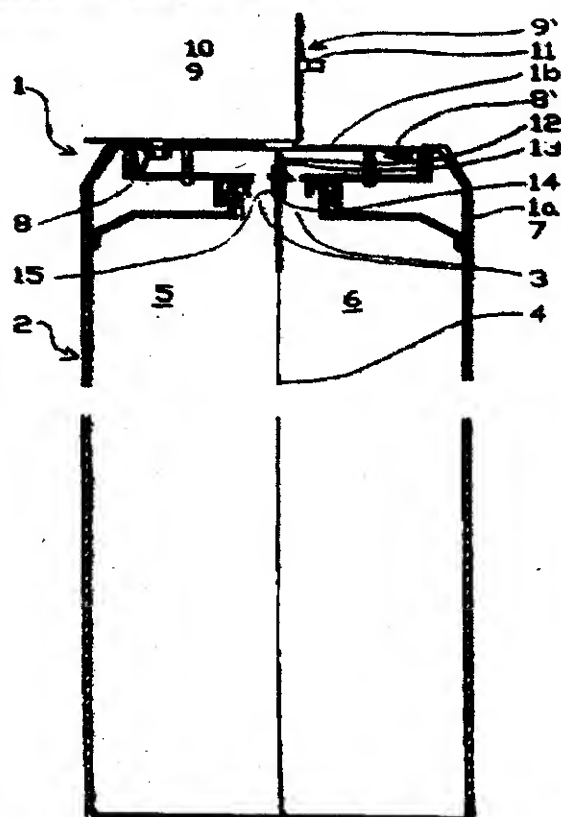
(21) Application No. 377/KOL-NP/2003 A

(22) Date of filing of : 01/04/2003  
application

(54) Title of the Invention : "CLOSURE CAP FOR DUAL CHAMBER VESSELS"

<p>(51) International classification : B65D 35/22, 47/08, 81/32</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 57 515.3</p> <p>(32) Date : 21/11/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : AISAPACK HOLDING S.A., OF ROUTE DE SAVOIE, 1896 VOUVRY, SWITZERLAND.</p> <p>(72) Name of the Inventors : GROSSENBACHER PIERRE</p>
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**Abstract :** The invention relates to a closing cap (1) for two-chamber containers (2), which can be connected to an outlet opening (3) of the container (2). The container (2) is divided by a separating element (4), which extends up to outlet opening (3), so that the contents of the first chamber (5) are supplied separately from the contents of the second chamber (6) to the outlet opening (3). According to the invention, a detent connection is provided for joining the closing cap (1) to the container (2), whereby a separating wall (12) divides the closing cap (1) into two separate areas. A separately closeable withdrawal opening (8, 8') is arranged in each area, and the separating wall (12) interacts with the separating element (4) as to connect each of the chambers (5, 6) of the container (2) only to the area of the closing cap (1), in which the assigned withdrawal opening (8, 8') is located.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 380/KOL-NP/2003 A

(22) Date of filing of : 01/04/2003  
application

(54) Title of the Invention : "IMPROVED DISK HOLDER"

(51) International classification : G11B  
33/04, E05B 73/00

(30) Priority Data :

(31) Document No. 0024890.0 & 60/287,670

(32) Date : 11/10/2000 & 02/05/2001

(33) Name of convention country : GB &  
U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

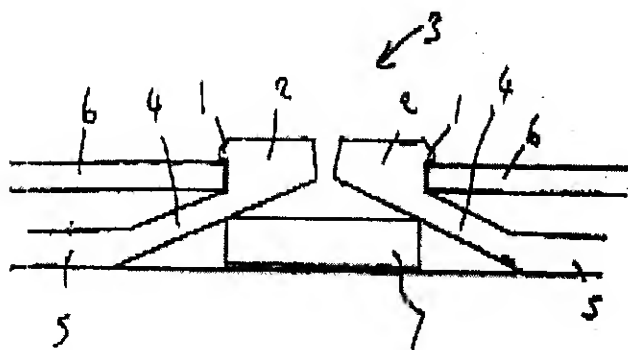
(64) Filed on :NA

(71) Name of the Applicant : DUBOIS  
LIMITED, OF ARMARAY HOUSE,  
ARKWRIGHT ROAD, CORBY,  
NORTHANTS, NN17 5AE, GREAT  
BRITAIN.

(72) Name of the Inventors :

1. FARRAR PETER ANTONY,
2. FRASER ANTHONY HENRY JOSEPH,
3. PIJANOWSKI STEFAN ALEXANDER,
4. SCHIEK MARK EADWARD,
5. UNWING STEPHEN GEOFFREY.

(57) Abstract : Apparatus for holding a disk-shape data carrier (6), e.g. a DC or a DVD, having a central aperture, the apparatus comprising a base portion (5), disk engaging means (1, 2, 4) for releasably engaging the central aperture of the data carrier (6), having retaining means (1) for engaging and retaining the data carrier (6) on the apparatus and release means (2, 4) which, when pressed, releases the engagement of the retaining means (1) with the data carrier (6) so the data carrier (6) can be removed from the apparatus, wherein removable security means (7) are provided to inhibit actuation of the release means (2, 4) to prevent release of the data carrier (6).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 381/KOL-NP/2003 A

(22) Date of filing of : 01/04/2003  
application

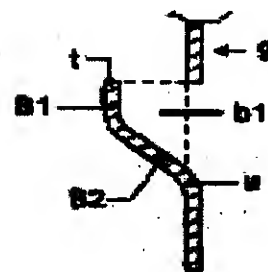
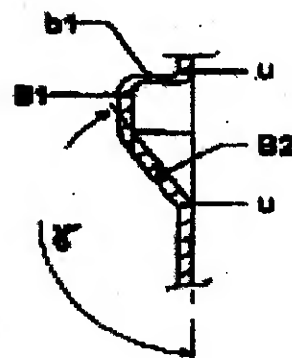
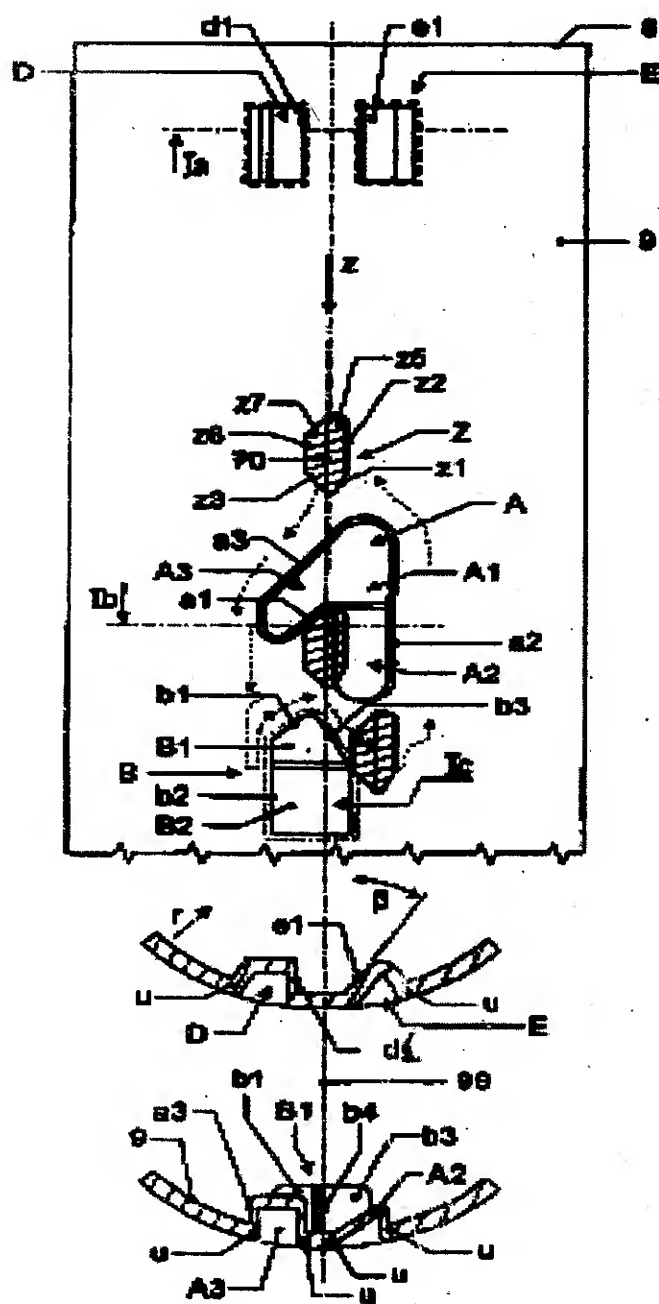
(54) Title of the Invention : "WRITING INSTRUMENT WITH ONE-PIECE MECHANICS COMPONENT"

<p>(51) International classification : B43K 24/08 (30) Priority Data : (31) Document No. 100 43 219.0 &amp; 100 64 176.8 (32) Date : 01/09/2000 &amp; 22/12/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : MERZ &amp; KRELL GMBH &amp; CO. KGAA, GERMANY BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, A GERMAN COMPANY.  (72) Name of the Inventors : VIAL, SIEGBERT</p>
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(57) Abstract :

There is suggested a writing instrument having a shaft (9) and a push member (K,L;10) especially formed in one piece, which push member comprises a push portion (L), a body portion (K,50) and a switch rod portion (S) extending from the body portion in the axial direction and comprising a switch tooth (Z) protruding radially therefrom, which switch tooth (Z) is displaced within shaft (9) by at least one small segment (A,B) of shaft (9), being reshaped in the radial direction, upon actuation of the push member (10) in particular in the circumferential, tangential and/or radial directions; or which comprises two axially spaced apart stable positions corresponding to the writing position and the retracted position of the writing instrument, wherein switch tooth (Z), in both positions, assumes the same at least circumferential (tangential) position only axially displaced; or which is arranged on the switch rod portion in such a manner and has such a circumferential (tangential) extension (z6,z2) and shape that a center plane (70), extending in parallel with the center axis (100) of the push member, lies at an axially front end portion (z3, z1) as well as an axially rear end portion (z7) of switch tooth (Z) within the switch tooth. The invention provides a one-piece mechanics in combination with a substantially one-piece shaft (at least in the rear portion thereof), which can be produced at low cost, guarantees functional safety and uses as few parts to be assembled as possible.

381/KOL-NP/2003 A





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 384/KOL-NP/2003 A

(22) Date of filing of : 01/04/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR MEASURING WAVEFRONT ABERRATIONS"

(51) International classification : A61B 3/103

(30) Priority Data :

(31) Document No. 09677,191

(32) Date : 02/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

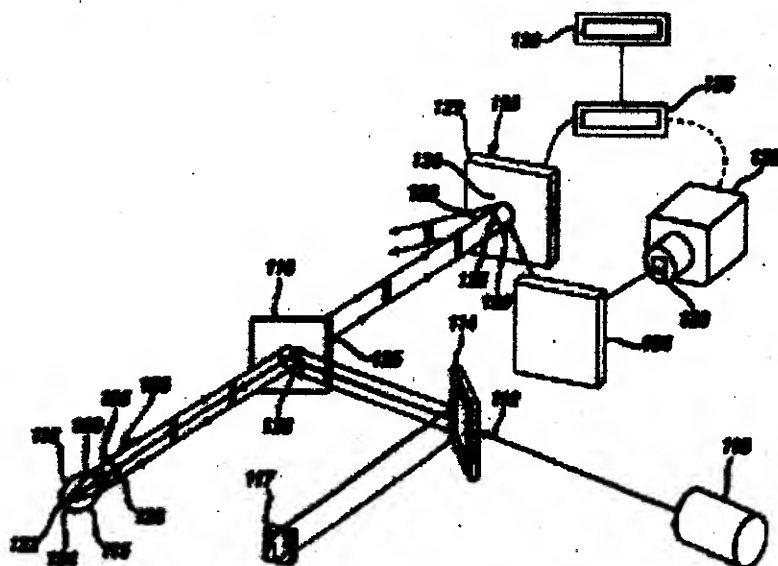
(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE, INC., OF 7300 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FL 32256, U.S.A.

(72) Name of the Inventors :

1. DAVIS, BRETT, A.,
2. COLLINS, MICHAEL, J.,
3. ISKANDER, DAQUD, R.,
4. ROFFMAN, JEFFREY, H.,
5. ROSS, DENWOOD, F.

(57) Abstract :

An apparatus and method for measuring wavefront aberrations. The apparatus comprises a reflecting device (128) for reflecting selected portions of the wavefront (126), an imaging device (132) for capturing information related to the selected portions, and a processor (136) for calculating aberrations of the wavefront from the captured information. The method comprises reflecting selected portions of a wavefront (126) onto the imaging device (132), capturing information related to the selected portions, and processing the captured information to derive the aberrations.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 386/KOL-NP/2003 A

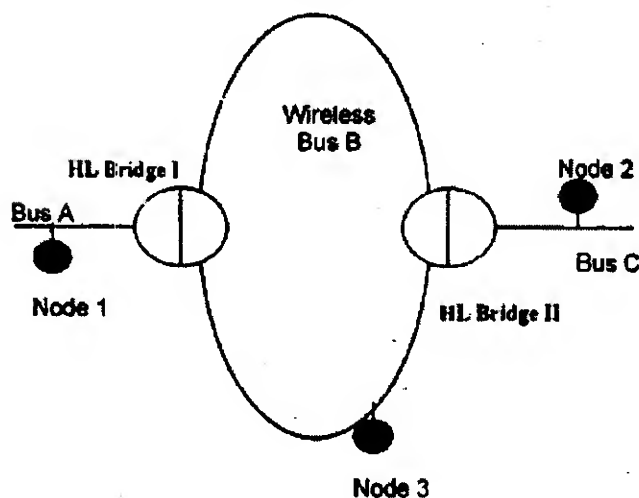
(22) Date of filing of : 01/04/2003  
application

(54) Title of the Invention : "METHOD FOR DETERMINING A TIMEOUT DELAY IN A NETWORK"

<p>(51) International classification : H04L 12/46</p> <p>(30) Priority Data :</p> <p>(31) Document No. 00402900.5</p> <p>(32) Date : 19/10/2000</p> <p>(33) Name of convention country : EP</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46 QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE BILLANCOURT, FRANCE.</p> <p>(72) Name of the Inventors : 1. HAUPT, DIETER, 2. STRAUB, GILLES.</p>
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(57) Abstract :

The invention concerns a method for determining a remote timeout parameter in a network comprising a link between a first bus (A) and a third bus (C), wherein the link is implemented through a first and a second portal connected respectively to the first and the third bus, and wherein the link is modeled as a second bus (B) connected to the first bus and the third bus through respective bridges (I, II); the method comprising the steps, at the level of the first bridge portal of, upon solicitation to provide its contribution to a timeout for a request subaction: (a) determining whether a destination node of the request subaction is located on the link or not; (b) in the affirmative, adding to the timeout contribution: the first bridge portal's maximum request subaction processing time and link's maximum transmission time; (c) in the negative, adding, to the timeout contribution: the first bridge portal's maximum request subaction processing time and half of the link's maximum transmission time. The invention also concerns a method similar to the above for determining the timeout contribution of bridges for response subactions



**Fig. 1**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 387/KOL-NP/2003 A

(22) Date of filing of : 01/04/2003  
application

(54) Title of the Invention : "THE POLYPEPTIDE FRAGMENTS OF HEPATITIS E VIRUS, THE VACCINE COMPOSITION AND DIAGNOSTIC KIT COMPRISING THE SAME AND USE THEREOF"

<p>(51) International classification : C12N 15/51 (30) Priority Data : (31) Document No. 0013634.0 (32) Date : 30/09/2000 (33) Name of convention country : CN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : YANG SHENG TANG COMPANY LTD., NO. 6 JINNIU ROAD, JINPAN INDUSTRY ZONE, HAIKOU CITY, HAINAN 570216, CHINA.  (72) Name of the Inventors : 1. XIA, NINGSHAO, 2. SHANG, JUN, 3. LI, SHAOWEI, 4. GE, SHENGXIANG, 5. GU, YING, 6. HE, ZHIQING.</p>
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(57) Abstract :

The present invention relates to polypeptide(s) comprising the amino acid sequence as set forth in SEQ ID No. 1 of hepatitis E virus ORF 2 or its fragment, which is in the form of n-polymeric polypeptide, wherein n is an integer from 1-180; to a chimeric protein consisting of a polypeptide of the present invention and a conserved fragment of hemagglutinin antigen from influenza virus; to a polypeptide of the present invention bound to a polypeptide containing epitope from hepatitis E virus ORF3 or an immunogenic fragment thereof; to a recombinant expression vector comprising the DNA molecule encoding the above polypeptides and the host cell transformed with said recombinant expression vector which is able to express polypeptide of the present invention. The present invention further relates to a vaccine composition against hepatitis E virus which comprises the above-mentioned polypeptide, or diagnostic kit for hepatitis E virus infection comprising the above-mentioned polypeptide, which includes IgG, IgM, or total antibody diagnostic kit for hepatitis E virus, and to the use of vaccine composition and diagnostic kit for prophylaxis, diagnosis and/or treatment of hepatitis E virus infection.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 388/KOL-NP/2003 A

(22) Date of filing of : 02/04/2003  
application

(54) Title of the Invention : "USE OF A WINDOW GLASS COMPRISING A PROFILED BEAD FOR INSTALLING IT IN AN OPENING"

(51) International classification : B60J 10/02

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

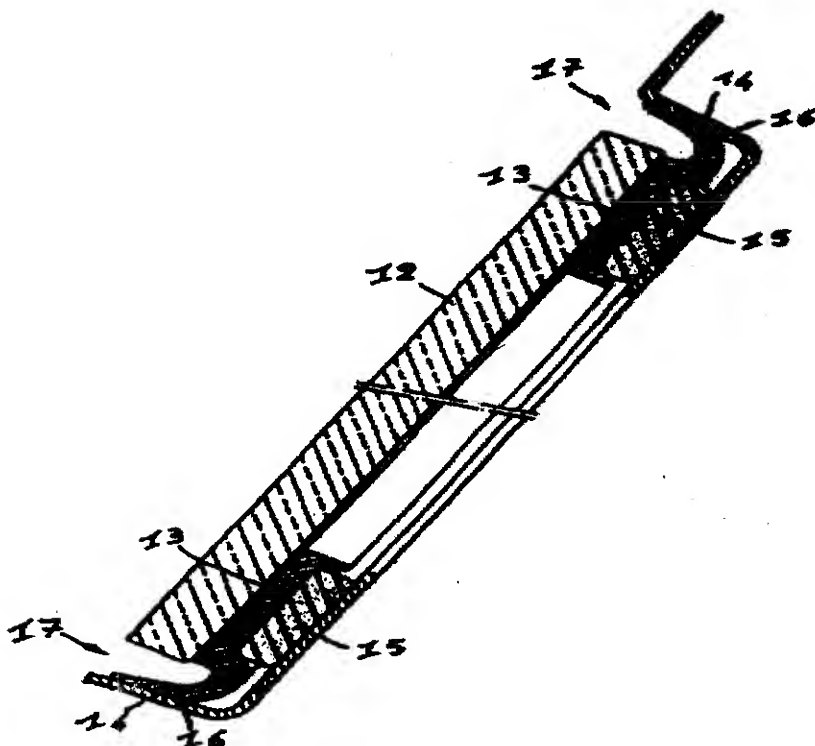
(64) Filed on :NA

(71) Name of the Applicant : SAINT-GOBAIN GLASS FRANCE, OF 18 AVENUE D' ALSACE, F-92400 COUTBEVOIE, FRANCE.

(72) Name of the Inventors :  
LECONTE, JEAN-GERARD.

(57) Abstract :

The invention concerns the use of a glazing, designed in particular to be installed by bonding in a vehicle body recess, comprising glass sheet (12) with a profiled string rim (13) which is fixed at least on the main surface of the glass sheet facing inwards when installed, and which is supported on at least part of the recess (14). The use of such a glazing enables after the glazing is installed in the body recess to obtain a visible space (17) between the recess and the edge of the glazing less than 5 mm. The invention also concerns a glazing for such utilisation.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 389/2003/NP/2003 A

(22) Date of filing of : 02/04/2003  
application

(54) Title of the Invention : "PESTICIDE DELIVERY SYSTEM"

(51) International classification : A01N  
25/04, 25/32

(36) Priority Date :

(31) Document No. 09/677, 408

(32) Date : 02/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed in NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : 1.

ENGELHARD CORPORATION, OF 101  
WOOD AVENUE, P.O. BOX 770, ISELIN,  
NJ 08830-0770 U.S.A. 2. THE UNITED  
STATES OF AMERICA AS  
REPRESENTED BY THE SECRETARY OF  
AGRICULTURE, U.S. DEPARTMENT OF  
AGRICULTURE, WASHINGTON, DC  
20250 U.S.A.

(72) Name of the Inventors :

1. SEKUTOWSKIM DENNIS, G.,  
2. PUTERKA, GARY, J.,  
3. GLENN, DAVID, MICHAEL.

(57) Abstract

In one embodiment, the present invention relates to a pesticide delivery system, containing a continuous film having a thickness from about 1 µm to about 1,000 µm and noncontinuous areas having areas less than about 100 µm, the continuous film containing a particulate material wherein at least 99 % by weight of the particulate material has a particle size of about 10 microns or less, and a pest control agent at least partially coating the particulate material. In another embodiment, the present invention relates to a method of delivering a pest control agent to a target organism, involving the steps of applying to at least a portion of a surface of a plant an effective amount of finely divided particulate material at least partially coated with the pest control agent, the particulate material containing from about 25 % to about 100 % by weight of a host treated particulate material, wherein the partially coated finely divided particulate material as applied permits an exchange of gases on the surface of the plant and the partially coated finely divided particulate material forms a continuous film over the portion of the plant surface to which it is applied, and a maximum average size of openings in the continuous film is less than about 100 µm.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 390/KOL-NP/2003 A

(22) Date of filing of : 02/04/2003  
application

(54) Title of the Invention : "EFFECT PIGMENTS WITH IMPROVED COLORANT ADHESION"

<p>(51) International classification : C09C 1/00 (30) Priority Data : (31) Document No. 09/685, 502 (32) Date : 10/10/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ENGELHARD CORPORATION, OF 101 WOOD AVENUE, P.O. BOX 770, ISELIN, NJ 08830-0770 U.S.A. (72) Name of the Inventors : 1. CACACE, DEBORAH, 2. FULLER, DANIEL, S.,</p>
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(57) Abstract : Non-bleeding, non-agglomerated, lustrous colored combination pigments constitute a play substance and absorption colorant bound thereto with metal hydroxides and one or more hydrolysed silane coupling agents.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 391/KOL-NP/2003 A

(22) Date of filing of : 02/04/2003  
application

(54) Title of the Invention : "CHROMANONE DERIVATIVES"

(51) International classification : C07D  
311/22

(30) Priority Data :

(31) Document No. 100 44 091.6

(32) Date : 07/09/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

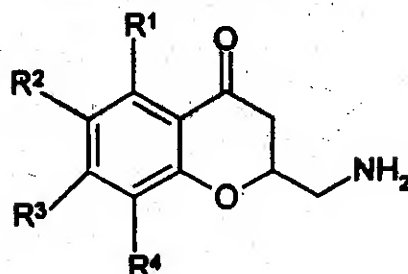
(71) Name of the Applicant : MERCK  
PATENT GMBH, FRANKFURTER  
STRASSE 250, 64293 DARMSTADT,  
GERMANY.

(72) Name of the Inventors :

1. BOKEL HEINZ-HERMANN,
2. MURMANN CHRISTOPH,
3. SCHMID USCHI,

## (57) Abstract :

Chromanone derivatives of the formula I



in which

$R^1$  to  $R^4$  are each, independently of one another, H, A, CN, Hal,  $OR^5$ ,  $COOR^5$ ,  $CF_3$ ,  $OCF_3$ ,  $NO_2$ , Ar, OAr,  $N(R^5)_2$  or  $CON(R^5)_2$ ,

$R^5$  is H or A,

A is alkyl having 1 to 6 carbon atoms,

Ar is phenyl which is unsubstituted or substituted by A,  $OR^5$ , CN, Hal,  $CF_3$ ,  $OCF_3$ ,  $NO_2$  or  $N(R^5)_2$ ,

Hal is F, Cl, Br or I,

and their salts, are suitable as intermediates in the synthesis of medicaments.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 392/KOL-NP/2003 A

(22) Date of filing of : 02/04/2003

(54) Title of the Invention : "BIARYL COMPOUNDS AS SERINE PROTEASE INHIBITORS"

(51) International classification : C07C 229/38	(71) Name of the Applicant : BIOCRYST PHARMACEUTICALS, INC., OF 2910 PARKWAY LAKE DRIVE, BIRMINGHAM, AL 35244, U.S.A.
(30) Priority Data :	
(31) Document No. 60/241,848 & 60/281, 735	
(32) Date : 20/10/2000 & 06/04/2001	
(33) Name of convention country : U.S.A.	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. BABU YARLAGADDA S.,
(61) Patent of addition to application No. NA	2. ROWLAND SCOTT R.,
(62) Filed on :NA	3. CHAND POORAN,
(63) Divisional to Application No. :NIL	4. KOTIAN PRAVIN L.,
(64) Filed on :NA	5. EL-KATTAN YAHYA,
	6. NIWAS SHRI.

(57) Abstract : Compounds of formula (I) are useful as inhibitors of trypsin like serine protease enzymes such as thrombin, factor VIIa, factor Xa, TF/FVIIa, and trypsin. These compounds could be useful to treat and/or prevent clotting disorders, and as anticoagulating agents.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 394/KOL-NP/2003 A

(22) Date of filing of: 09/04/2003  
application

(54) Title of the Invention : "DOUBLE-ROTATABLE SPINDLE HEAD FOR MACHINE TOOLS"

(51) International classification : B23Q 1/54,  
B22B 19/00

(30) Priority Data :

(31) Document No. VE2000U000025

(32) Date : 17/10/2000

(33) Name of convention country : ITALY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

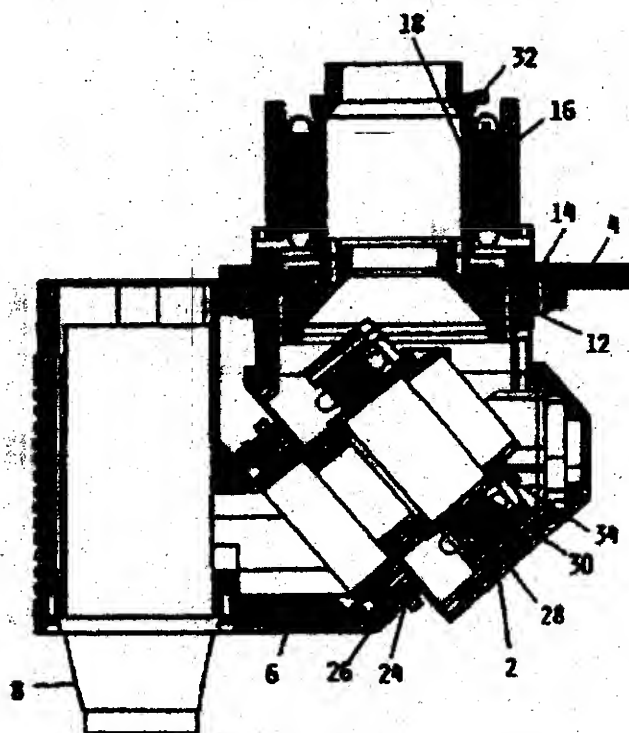
(64) Filed on :NA

(71) Name of the Applicant : FPT  
INDUSTRIE S.P.A., OF VIA A. VIVALDI, 1,  
I-35012 CAMPOSAMPIERO, ITALY.

(72) Name of the Inventors :  
PICCOLO GABRIELE

**(57) Abstract :**

A double-rotatable spindle head of non-perpendicular axis type for machine tools, with a first half-head (2) pivoted to the machine structure (4) about a first axis (10) and, for supporting the tool spindle (8), a second half-head (6) coupled to the first half-head (2) on a flat surface (20) and pivoted to it about a second axis (22) perpendicular to said flat surface (20), characterised by comprising a first direct motor (16, 18) for rotating said first half-head (2) with respect to said machine structure (4) and a second direct motor (28, 30) for rotating said second half-head (6) with respect to said first half-head (2).



### Publication After 18 months.

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No. 397/KOL-NP/2003 A

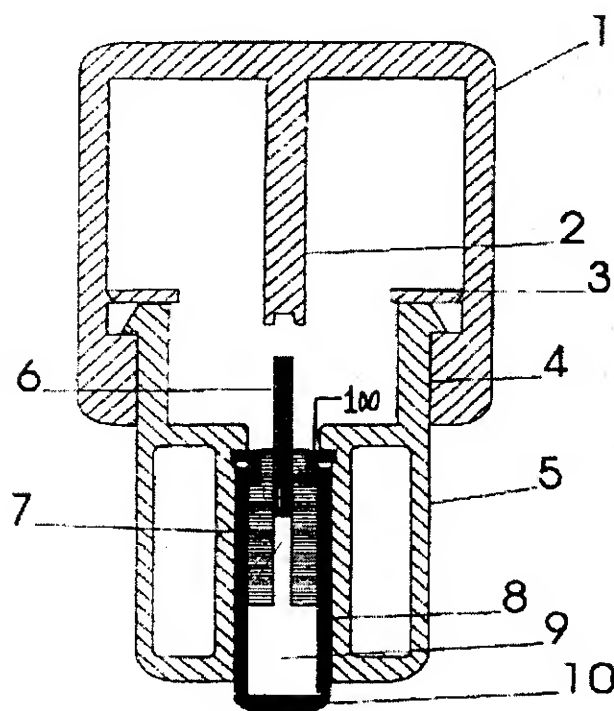
(22) Date of filing of : 03/04/2003  
application

(54) Title of the Invention : "DISPOSABLE INJECTION DEVICE"

<p>(51) International classification : A61M 5/30  (30) Priority Data :  (31) Document No. 09/689, 640  (32) Date : 13/10/2000  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : CAMBRIDGE  BIOSTABILITY LTD., OF 52 BISHOP'S  COURT, BISHOP'S ROAD, CAMBRIDGE,  CB2 2NN, UNIED KINGDOM    (72) Name of the Inventors :  ROSER BRUCE JOSEPH</p>
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#### (57) Abstract :

The present invention is a hand-operated injector device for injecting parenteral medications consisting of a cap, a plunger, a base, and a snap means. The cap contains a hollow central finger which upon proper hand force, moves toward a narrow plunger with an ability to slide into an annular wide plunger within an self-contained injection capsule. The movement of the cap drives the narrow plunger toward a narrow injection orifice at the bottom the capsule containing liquid medicament through which, the medicament under high pressure, forms a liquid jet through subcutaneous tissue of the patient. The injector may contain an external spring assisted holder or an internal spring assisted holder where the central finger is modified so as to be spring loaded. Finally, the spring injector may contain a cocking tab and a reusable power case. The injector device requires little training to use, reduces pain, improves injection safety and eliminates the need for a check valve.



**Publication After 18 months.**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No. 400/KOL-NP/2003 A

(22) Date of filing of : 03/04/2003  
application

(54) Title of the Invention : "COMPUTER PRINTER CONTROL METHOD"

(51) International classification : G06F 3/12

(30) Priority Data :

(31) Document No. 0024208.1

(32) Date : 03/10/2000

(33) Name of convention country : GB

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

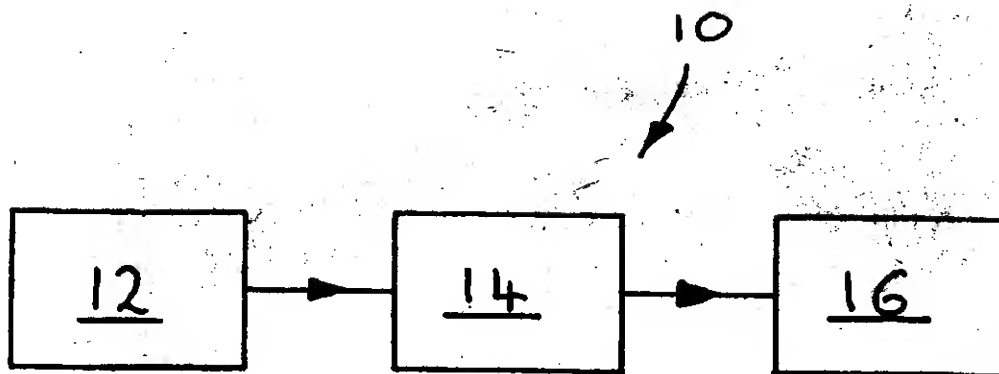
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : AAGESEN,  
JAN, OLOF, BJERRE OF TIBBEVAGEN  
27, DK-2730 HERLEV, DENMARK.

(72) Name of the Inventors :  
AAGESEN, JAN, OLOF, BJERRE

(57) Abstract : The present invention provides a method of controlling print operations via a print server (14) and printer (16), the method comprising the steps of routing a data stream representative of a document to be printed from a workstation (12) to the print server (14); causing the print server (14) to determine from the datastream the type of document to be printed; causing the print server (14) to determine a print format for the document by reference to a first lookup table; and causing the print server (14) to directly command the printer (16) to print the document in said print format.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 401/KOL-NP/2003 A

(22) Date of filing of : 03/04/2003  
application

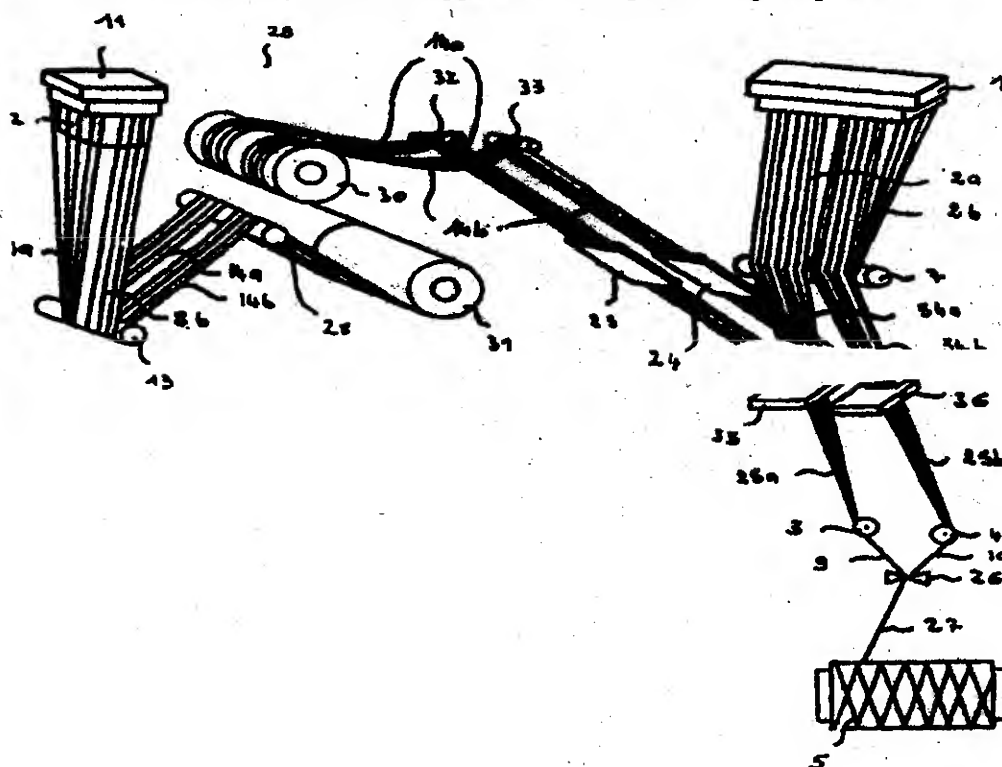
(54) Title of the Invention : "PROCESS AND APPARATUS FOR PRODUCING A COMPOSITE YARN"

(51) International classification : D01D 5/08	(71) Name of the Applicant : SAINT-
(30) Priority Data :	GOBAIN VETROTEX FRANCE S.A.,
(31) Document No. 0012990	FRANCE 130 AVENUE DESFOLLAZ, F-
(32) Date : 11/10/2000	73000 CHAMBERY, A FRENCH
(33) Name of convention country : FR	COMPANY.
(66) Filed U/s 5(2) : NIL	
(61) Patent of addition to application No. NA	(72) Name of the Inventors :
(62) Filed on : NA	1. BOISSONNAT, PHILIPPE,
(63) Divisional to Application No. : NIL	2. RICHARD, DANIEL.
(64) Filed on : NA	

(57) Abstract : The present invention relates to a process for manufacturing a composite yarn comprising continuous glass filaments intermingled with continuous organic thermoplastic filaments.

According to the invention, the continuous glass filaments coming from a bushing (1) are separated into several sheets (34a, 34b), the continuous organic thermoplastic filaments coming from a spinning head (11) are separated into several sheets (14a, 14b) and the thermoplastic filaments are thrown into the glass filaments so as to mingle them, in a ratio of at least one sheet of thermoplastic filaments in each sheet of glass filaments, the mingled filaments then being gathered into at least one composite yarn (27).

The invention also provides an apparatus for implementing the process.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 402/KOL-NP/2003 A

(22) Date of filing of : 03/04/2003

application

(54) Title of the Invention : "OPTICAL PICKUP APPARATUS AND OBJECTIVE LENS"

(51) International classification : G11B 7/135

(30) Priority Data :

(31) Document No. 2000-326822, 2000-365554 & 2001-086719

(32) Date : 26/10/2000, 30/11/2000 & 26/03/2001

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : KONICA CORPORATION, OF 26-2, NISHISHINJUKU 1-CHOME, SHINJUKU KU, TOKYO 163-0512, JAPAN.

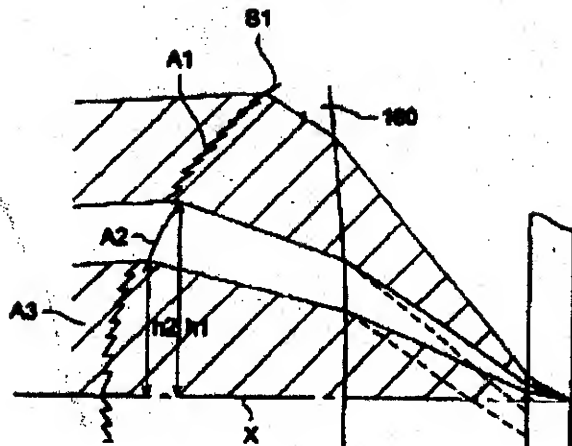
(72) Name of the Inventors :

1. SAITO SHINICHIRO,
2. SAKAMOTO KATSUYA.

(57) Abstract :

An objective lens of an optical pickup apparatus converges a divergent light flux onto an information recording surface. The following conditional formula is satisfied:  $|\Delta SA1 / \Delta U| + |\Delta U| + |\Delta SA2 / \Delta T| + |\Delta T| \leq 0.07 \lambda \text{ rms}$  where  $\lambda$  represents a wavelength of a light source,  $\Delta SA1 / \Delta U$  represents a change of a spherical aberration for an object-to-image distance change  $\Delta U$  ( $|\Delta U| \leq 0.05 \text{ mm}$ ) and  $\Delta SA2 / \Delta T$  represents a change of spherical aberration for a temperature change  $\Delta T$  ( $|\Delta T| \leq 30 \text{ DEG C}$ ), the object-to-image distance is a distance between the light source (a light emitting point) and the information recording surface.

FIG. 6



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 403/KOL-NP/2003 A

(22) Date of filing of : 03/04/2003  
application

(54) Title of the Invention : "PIGMENT PREPARATION IN GRANULE FORM"

<p>(51) International classification : C09D 17/00, 5/36, 11/02</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 46 152.2</p> <p>(32) Date : 15/09/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : MERCK PATENT GMBH, GERMANY, FRANKFURTER STRASSE 250, 64293 DARMSTADT, A GERMAN COMPANY.</p> <p>(72) Name of the Inventors : 1. RATHSCHLAG, THOMAS, 2. SCHOEN, SABINE.</p>
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(57) Abstract : The invention relates to pigment preparations in granulate form, containing one or more resins, one or more effect pigments and optionally, additives. The granulates are characterized in that they contain 3 to 10wt. % water or a solvent or solvent mixture with a vapour pressure of 0.001 to 40 hPa at 20°C.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 404/KOL-NP/2003 A

(22) Date of filing of : 03/04/2003  
application

(54) Title of the Invention : "METHOD FOR LINKING SEVERAL COMMUNICATION BUSSES USING WIRELESS LINKS"

(51) International classification : H04L 12/28

(30) Priority Data :

(31) Document No. 00402901.3, 00402908.8, 01400826.2 & 01114694.1

(32) Date : 19/10/2002, 19/10/2000, 30/03/2001 & 19/06/2001

(33) Name of convention country : EP

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : THOMSON LICENSING S.A., OF FRANCE, 46 QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRENCH COMPANY.

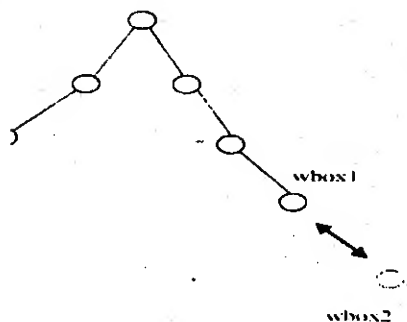
(72) Name of the Inventors :

1. PERROT, SEBASTIEN,
2. VINCENT, CHRISTOPHE,
3. STRAUB, GILLES,
4. LANDRY CAROLINE,
5. BURKLIN HELMUT

(57) Abstract : Method for linking a first and a second communication bus through a wireless link, comprising a first portal connected to the first bus and a second portal connected to the second bus, said first and second portal communicating over a wireless connection.

The method comprises the steps of:

- associating the two portals to the wireless network;
- exchanging, between the two portals of self identification packets of nodes connected to their respective local busses, including the self identification packets of the portals themselves;
- generating a reset on each bus;
- carrying out a self identification procedure on each bus, where each portal generates self identification packets for itself and for nodes of the respective remote bus, using the self identification packets received following the association step.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 405/KOL-NP/2003 A

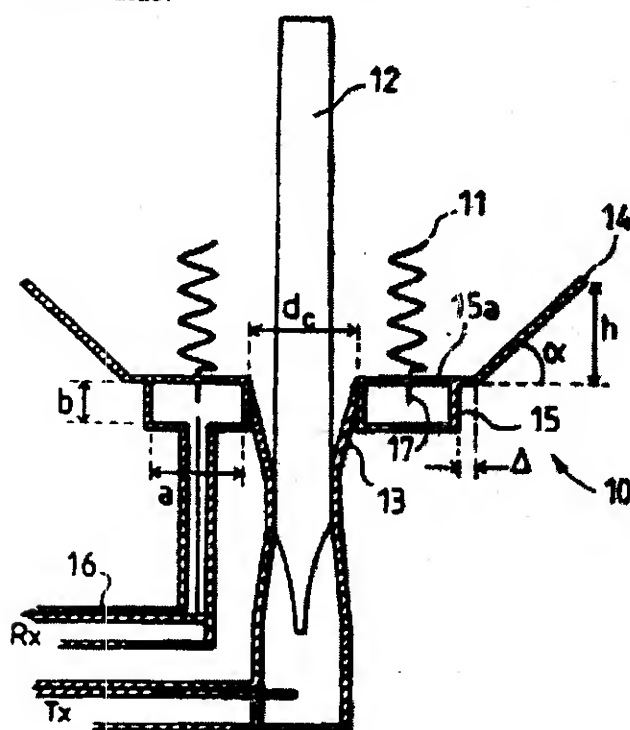
(22) Date of filing of : 03/04/2003  
application

(54) Title of the Invention : "IMPROVEMENT TO ELECTROMAGNETIC WAVE TRANSMISSION/RECEPTION SOURCES FOR A MULTIREFLECTOR ANTENNA"

<p>(51) International classification : H01Q21/28 (30) Priority Data : (31) Document No. 00/13213 (32) Date : 12/10/2000 (33) Name of convention country : FR (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF FRANCE, 46 QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRENCH COMPANY.  (72) Name of the Inventors : 1. LOUZIR, ALI, 2. MINARD, PHILIPPE, 3. THUDOR, FRANCK, 4. PINTOS, JEAN-FRANCOIS.</p>
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(57) Abstract : The present invention relates to an electromagnetic wave transmission/reception source for a multireflector antenna of the Cassegrain type comprising longitudinal-radiation means (12) operating in a first frequency band and an array of  $n$  radiating elements (11) of the travelling-wave type operating in a second frequency band with the  $n$  radiating elements arranged symmetrically around the longitudinal-radiation means, the array and the longitudinal-radiation means having an approximately common phase centre, the array of  $n$  radiating elements being excited by a waveguide (15) of polygonal cross section.

The invention applies especially in satellite communication systems operating in the C-, Ku- or Ka-bands.





Publication After 18 months.    hs.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 406/KOL-NP/2003 A

(22) Date of filing of : 04/04/2003  
application

(54) Title of the Invention : "PARTICLE FORMATION METHODS AND THEIR PRODUCTS"

(51) International classification : A61K 9/00 (30) Priority Data : (31) Document No. 0027357.3 (32) Date : 09/11/2000 (33) Name of convention country : GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : NEKTAR THERAPEUTICS UK LIMITED, OF UNIT 69, LISTERHILLS SCIENCE PARK CAMPUS ROAD, BRADFORD BD7 1HR, UNITED KINGDOM.  (72) Name of the Inventors : 1. HANNA, MAZEN, HERMIZ, 2. YORK, PETER.
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**(57) Abstract :**

Preparation of particles of an active substance having a layer of an additive at the particle surfaces, by dissolving both the active substance and the additive in a vehicle to form a target solution, and contacting the target solution with an anti-solvent fluid using a SEDS<TM> particle formation process, to cause the active substance and additive to coprecipitate. The additive is typically a protective additive, in particular a taste and/or odour masking agent. Also provided is a particulate co formulation made by the method, which has a finite gradient in the relative additive concentration, which concentration increases radially outwards from the active rich core to the additive-rich surface of the particles.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 407/KOL-NP/2003 A

(22) Date of filing of : 04/04/2003  
application

(54) Title of the Invention : "METHOD FOR PURIFICATION OF PRAVASTATIN OR A PHARMACO LOGICALLY ACCEPTABLE SALT THEREOF"

(51) International classification : C07C  
67/52, 67/62, 69/33, C12P 7/64

(30) Priority Data :

(31) Document No. 2000-315255

(32) Date : 16/10/2000

(33) Name of convention country : JP

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : SANKYO  
COMPANY LIMITED, OF 5-1,  
NIHONBASHI HONCHO 3-CHOME,  
CHUO-KU, TOKYO 103-8426 JAPAN.

(72) Name of the Inventors :

1. SUGIO NOBUNARI,
2. TAKAMATSU YASUYUKI,
3. KOJIMA SHUNSHI,
4. SUZUKI MUTSUO,
5. HAGISAWA MINORU,
6. HAMANO KIYOSHI.

(57) Abstract : The present invention provides methods for purification of pravastatin or a pharmacologically acceptable salt thereof using a salting-out technique.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 488/KOL-NP/2003 A (22) Date of filing of : 04/04/2003 application  
(54) Title of the Invention : "PROCESS FOR THE PURIFICATION OF PRAVASTATIN"

(51) International classification : C07C 67/58  
(30) Priority Data :  
(31) Document No. 2000-315256  
(32) Date : 15/10/2000  
(33) Name of convention country : JP  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : SANKYO COMPANY LIMITED, OF 5-1, NIHONBASHI HONCHO, 3-CHOME, CHUO-KU, TOKYO 103-8426 JAPAN.

(72) Name of the Inventors :  
1. SUGIO NOBUNARI,  
2. TAKAMATSU YASUYUKI,  
3. KOJIMA SHUNSHI,  
4. SUZUKI MUTSUO,  
5. HAGISAWA MINORU,  
6. HAMANO KIYOSHI.

(57) Abstract : A method of isolating or purifying pravastatin or its pharmaceutically acceptable salt characterized by involving, in the process of isolating or purifying, pravastatin or its pharmacologically acceptable salt, the step of extracting pravastatin using an organic solvent represented by the formula  $\text{CH}_3\text{CO}_2\text{R}$  (wherein R represents an alkyl group having 3 or more carbon atoms) or the step of decomposing impurities using an inorganic acid or an inorganic base; and compositions containing pravastatin sodium thus obtained.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 410/KOL-NP/2003 A

(22) Date of filing of : 04/04/2003  
application

(54) Title of the Invention : "PROCESS FOR THE PREPARATION OF SULFUR-CONTAINING ORGANOSILICON COMPOUNDS"

<p>(51) International classification : C07F 7/18</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/895, 721</p> <p>(32) Date : 29/06/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : DOW CORNING CORPORATION, OF 2200 WEST SALZBURG ROAD, MIDLAND, MI 48686-0994, U.S.A.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. BACKER MICHAEL WOLFGANG,</li> <li>2. BANK HOWARD MARVIN,</li> <li>3. GOHNDRONE JOHN MICHAEL,</li> <li>4. MAKI WILLIAM CHARLES,</li> <li>5. SKINNER CHARLES EDMUND,</li> <li>6. TOMAR ANIL KUMAR,</li> <li>7. YUE HONGJUN</li> </ol>
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(57) Abstract :

An improved process for the production of organosilicon compounds of the formula  $(\text{RO})_{3-m}\text{R}_m\text{Si}-\text{Alk}-\text{S}_n-\text{Alk}-\text{SiR}_m(\text{OR})_{3-m}$

where R is independently a monovalent hydrocarbon of 1 to 12 carbon atoms,

Alk is a divalent hydrocarbon of 1 to 18 carbon atoms;

m is an integer of 0 to 2, n is a number from 1 to 8

is disclosed. The process comprises:

(A) reacting sulfur, a phase transfer catalyst, a sulfide compound having the formula  $\text{M}_2\text{S}_n$  or  $\text{MHS}$ ,

where H is hydrogen, M is ammonium or an alkali metal, n is the same as above,

and water to form an intermediate reaction product;

(B) reacting said intermediate reaction product with a silane compound of the formula;

$(\text{RO})_{3-m}\text{R}_m\text{Si}-\text{Alk}-\text{X}$  where X is Cl, Br or I, and m is the same as above.

(C) separating the organosilicon compound from the product mixture by adding water or a dilute acidic solution to the product mixture, and phase separating the product mixture into an organic phase containing the organosilicon compound and an aqueous phase.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 411/KOL-NP/2003 A

(22) Date of filing of : 04/04/2003  
application

(54) Title of the Invention : "ULTRASONIC CELLULAR TISSUE SCREENING TOOL"

(51) International classification : A61B 8/00

(30) Priority Data :

(31) Document No. 09/687, 128

(32) Date: 13/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

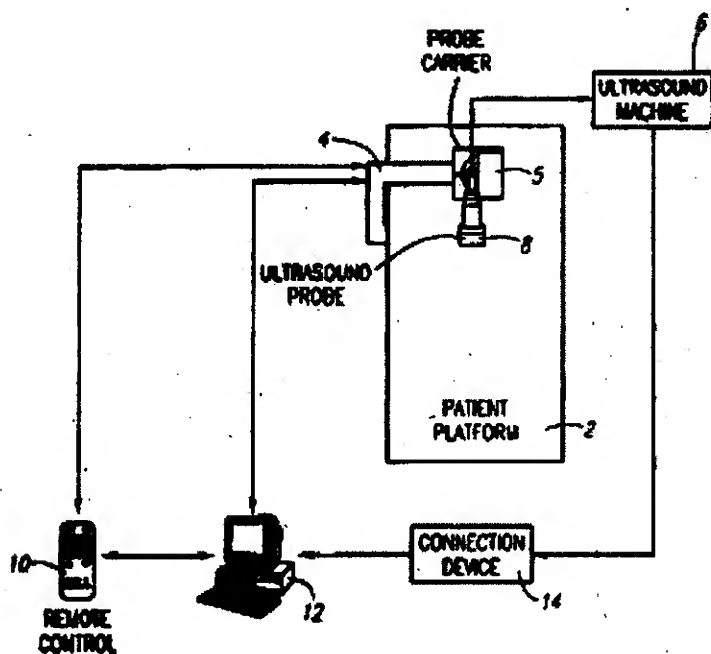
(71) Name of the Applicant : SONOCINE, INC., OF 445 25<sup>TH</sup> AVENUE, VENICE, CA 90291, UNITED STATES OF AMERICA.

(72) Name of the Inventors :

1. KELLY.KEVIN,
2. ROYCE ROGER,
3. PETERSON RICHARD J.,
4. PONCE LUIS E.,
5. UNDERBRINK CHRISTOPHER M.,
6. SMITH MATTHEW W.,
7. GOSS DONALD C.,

(57) Abstract :

An ultrasonic probe is moved across cellular tissue at a uniform rate that may be synchronized with the image capture rate of the ultrasonic scanner, to achieve a contiguous and complete set of scan images of the tissue. The probe can be held in a single position as it is moved across the tissue, or it can be dynamically adjusted during the scan to provide optimal contact with the scanned tissue. The image data are captured and converted to a format that is easily stored and compatible with a viewer. The viewer allows playback of the scanned images in a manner that is optimized for screening for cancers and other anomalies. A location function allows the user to select a point of interest on an individual scan image, and choose another known reference point, and calculates distance from the reference point to the point of interest in three dimensions



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 412/KOL-NP/2003 A

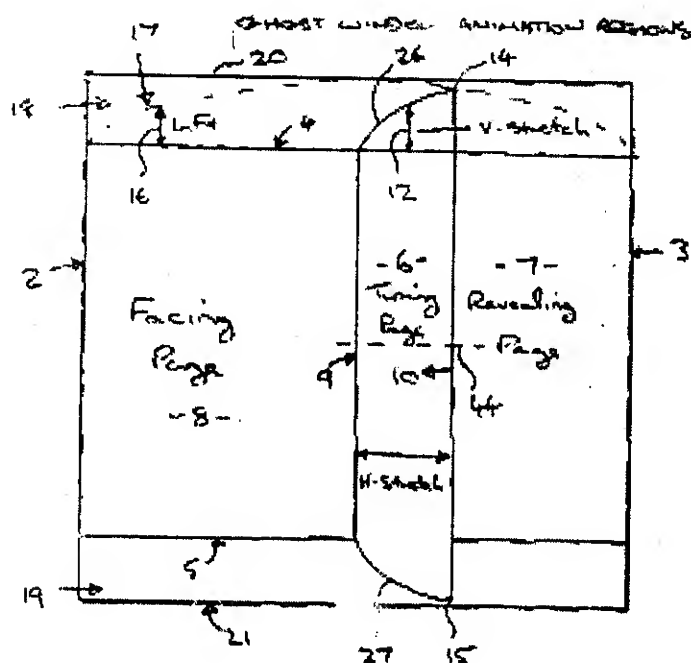
(22) Date of filing of : 07/04/2003  
application

(54) Title of the Invention : "AN ELECTRONIC PUBLICATION AND METHODS AND COMPONENTS THEREOF"

<p>(51) International classification : G06F 17/00  (30) Priority Data :  (31) Document No. 09/657, 149  (32) Date : 07/09/2000  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : THE  VIRTUAL PUBLISHING COMPANY  LIMITED, OF 33 LA COSTA AVENUE,  DISCOVERY BAY, HONG KONG CHINA.    (72) Name of the Inventors :  HEMMINGS CHRIS</p>
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(57) Abstract :

This invention relates to an electronic publication and methods and components thereof including a user interface. The electronic publication can be provided by e-mail or similar transmission and contains its own executable file for presentation of the publication without a user requiring a preloaded application software. The electronic publication addresses the processor for calculation and the operating system for increased functionality to minimize the size of the executable file and the publication as a whole. The publication contains a user interface incorporating a page-turn and provides a non-linear travel of the free edge of the turning page across a revealing page so as to imitate a substantially constant rotation of the page. The animation sequence throughout the page-turn is performed on the basis of actual elapsed time since commencement of the animation rather than at predetermined intervals so as to make the individual steps throughout the animation independent of the processor speed



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 413/KOL-NP/2003 A

(22) Date of filing of : 07/04/2003  
application

(54) Title of the Invention : "OBJECTIVE LENS AND OPTICAL PICKUP APPARATUS"

(51) International classification : G11B 7/135

(30) Priority Data :

(31) Document No. 2000-347132

(32) Date : 14/11/2000

(33) Name of convention country : JP

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : KONICA CORPORATION, OF 26-2, NISHISHINJUKU 1-CHOME, SHINJUKU-KU, TOKYO 163 0512, JAPAN.

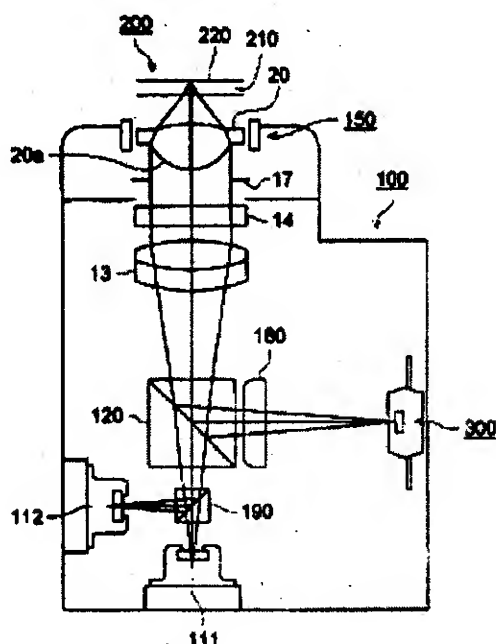
(72) Name of the Inventors :

1. IKENAKA KIYONO,  
2. HONDA KOJI.

(57) Abstract :

in an objective lens for use in an optical pickup device, when NA1 and N2 ( $NA2 < NA1$ ) represent a needed numerical aperture of the objective lens on an image side, a first spot and a second spot represent a spot formed by the light flux having passed through the central region, a m<th> order diffracted ray and a n<th> diffracted ray represent a diffracted ray having the maximum diffraction efficiency among diffracted rays, the central region nearly corresponds to a region through which the light flux in the inside of the numerical aperture NA2 passes, the light amount of the n<th> order diffracted ray which reaches the inside of the second spot is less than that of the m<th> order diffracted ray which reaches the inside of the first spot, and the m<th> order diffracted ray and the n<th> order diffracted ray satisfy the relationship of  $m = n$ .

FIG. 1



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 424/KOL-NP/2003 A

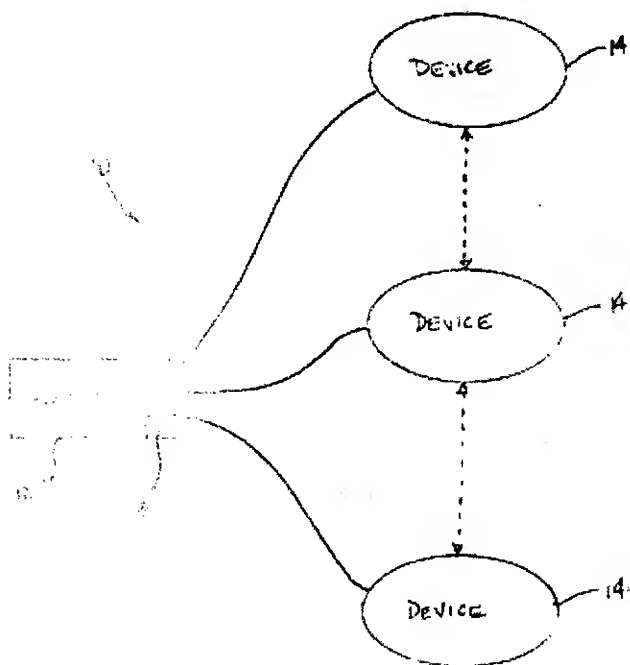
(22) Date of filing of : 08/04/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR GENERATING DRAWINGS FROM COMPUTER GENERATED MODELS"

<p>(51) International classification : G06T (30) Priority Data : (31) Document No. 09/728, 026 (32) Date : 30/11/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, NY 12345 U.S.A.  (72) Name of the Inventors : 1. HOELLE JAMES STEPHEN, 2. HAMILTON KEVIN DENNARD, 3. JUNGBERG KENNETH ALVIN.</p>
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(57) Abstract :

A drafting system (10) that automatically generates (70) digital drawings from a computer generated model of a bracket is described. The drafting system includes a data storage device (18) which stores information relevant to a plurality of users including a plurality of orthographic projection rules. After the computer generated model of the bracket is introduced to the system, a plurality of drawing functions generate weld information, dimensions, and cross references to parts lists that are assigned (68) to the bracket. Additionally, a plurality of editing features enable the user to edit (130) objects automatically inserted within the drawings by the drafting system





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 425/KOL-NP/2003 A

(22) Date of filing of : 08/04/2003  
application

(54) Title of the Invention : "TREATMENT OF TUMORS BY ADMINISTRATION OF GROWTH HORMONE RELEASING COMPOUNDS AND THEIR ANTAGONISTS"

(51) International classification : A61K 38/08, 38/29, A61P 35/00

(30) Priority Data :

(31) Document No. 09/192, 406

(32) Date : 16/11/98

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : ZENTARIS AG., WEISMULLERSTRASSE 45 D-60314 FRANKFURT, GERMANY.

(72) Name of the Inventors :

1. MUCCIOLI GIAMPIERO,

2. PAPOTTI MAURO,

3. GHIGO EZIO,

4. DEGHENGHI ROMANO.

(57) Abstract : A method for treating a tumor in a mammal by administering a growth hormone releasing compound or an antagonist thereof in an amount effective to reduce or inhibit proliferation or tumorigenic cells in the mammal. In particular, the tumors to be treated include ling, mammary, thyroid or pancreas tumors. The preferred compounds are certain peptides that contain methyl tryptophan and lysine units.

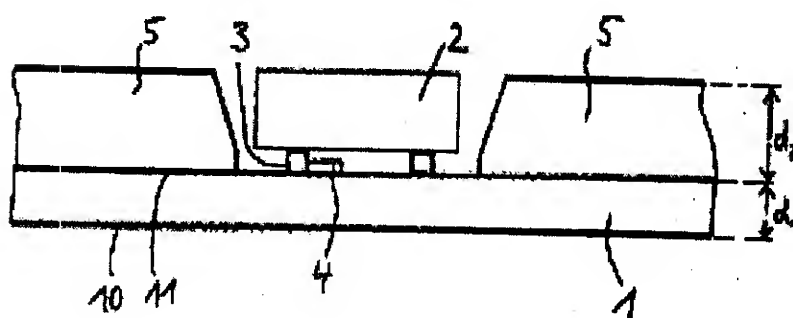
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 426/KOL-NP/2003 A (22) Date of filing of : 08/04/2003 application  
(54) Title of the Invention : "MACHINE-READABLE LABEL"

<p>(51) International classification : B32B 33/00, G06K 19/077 (30) Priority Data : (31) Document No. 100 45 196.9 (32) Date : 13/09/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : INFINEON TECHNOLOGIES AG., GERMANY ST. - MARTIN-STRASSE 53, 81669 MUNCHEN, GERMANY.  (72) Name of the Inventors : HOUDEAU, DETLEF.</p>
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- (57) Abstract : In the machine-readable label, an IC chip is arranged on a backing film in a clearance in the adhesive layer applied to it. At least one terminal contact of this IC chip is connected in an electrically conducting manner to an electrical conductor which has been applied to the backing film and is intended as an antenna for contact less transmission of data and energy.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 427/KOL-NP/2003 A

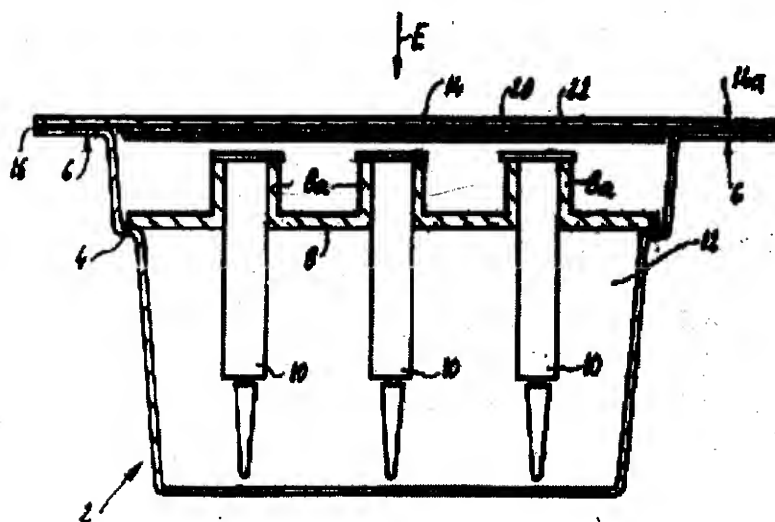
(22) Date of filing of : 08/04/2003  
application

(54) Title of the Invention : "PACKAGING FOR STERILE PRODUCTS"

<p>(51) International classification : A61L 2/26, 2/08</p> <p>(30) Priority Data :</p> <p>(31) Document No. 00/14975</p> <p>(32) Date : 20/11/2000</p> <p>(33) Name of convention country : FR</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : BECTON DICKINSON FRANCE OF RUE ARISTIDE BERGES, F-38800 LE PONT DE CLAIX, FRANCE.</p> <p>(72) Name of the Inventors :</p> <p>1. PORRET, JEAN-YVES</p> <p>2. JANSEN, HUBERT.</p>
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(57) Abstract : This packaging for sterile products or products intended to be sterilized by a gas, for example a gas of the ETO type, comprises a tub (2) made of plastic and a cover sheet (14) made of selectively impervious material, fixed to the tub (2) so as to seal the latter imperviously.

According to the invention the packaging comprises a screen (20, 22; 24, 26; 26) against electron radiation (E), placed along the cover sheet (14) on the inside of the tub (2) and dimensioned in such a way as to extend above the products (10) to be sterilized and so as to delimit on the cover sheet (14) a peripheral zone (14a) for fixing this cover sheet (14) to the tub (2).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 429/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "DEVICE AND METHOD FOR THE DRYING OF PLASTIC WEBS"

(51) International classification : F26B 13/28, 5/02, 13/12

(30) Priority Data :

(31) Document No. A 1777/2000

(32) Date : 17/10/2000

(33) Name of convention country : AUSTRIA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

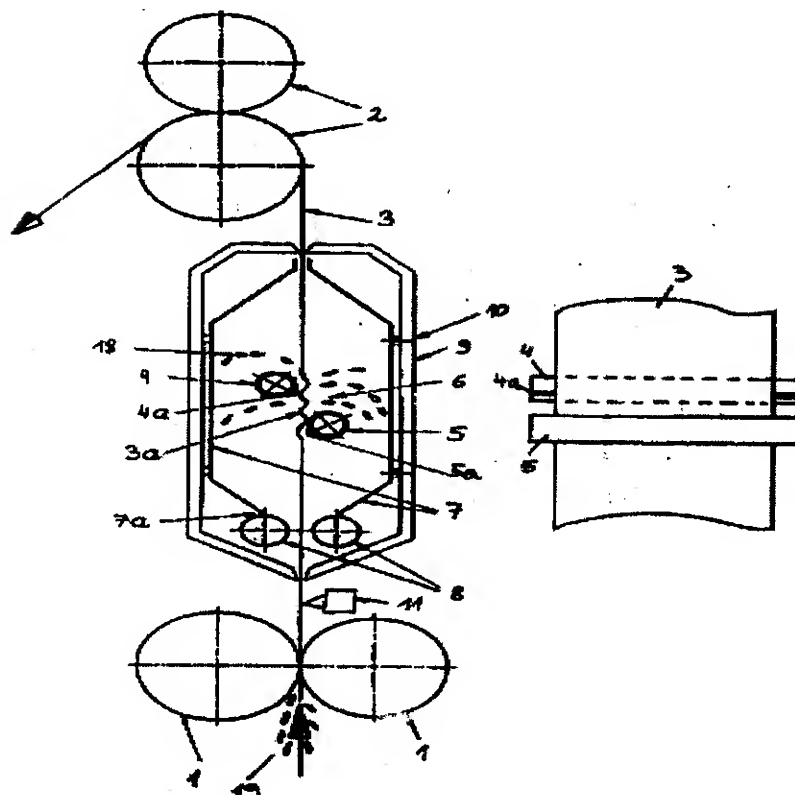
(64) Filed on : NA

(71) Name of the Applicant : STARLINGER & CO. GESELLSCHAFT M.B.H., OF SONNENUHRGASSE 4, A-1060 WIEN, AUSTRIA.

(72) Name of the Inventors :  
STARLINGER HUEMER FRANZ

(57) Abstract :

The invention relates to a device and method for the drying of plastic webs. Said device comprises at least one group of nozzles, whereby each group comprises at least two nozzles, between which a gap is provided for the introduction of a plastic web. According to the invention, air streams from each of the nozzles (4,5; 14,15; 24,25) in a group may be directed at the gap (6) in such a way that a plastic web (3) fed through said gap is made to oscillate (at 3a). By means of the vibration of the plastic web, any water droplets (18) found on the web are quickly shaken from the web and the plastic web thus dried.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 431/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "SURFACE TREATMENT FOR IMPROVED HARDNESS AND CORROSION RESISTANCE"

(51) International classification : C23C 22/48

(30) Priority Data :

(31) Document No. 09/671, 945

(32) Date : 27/09/2000

(33) Name of convention country : U.S.A

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

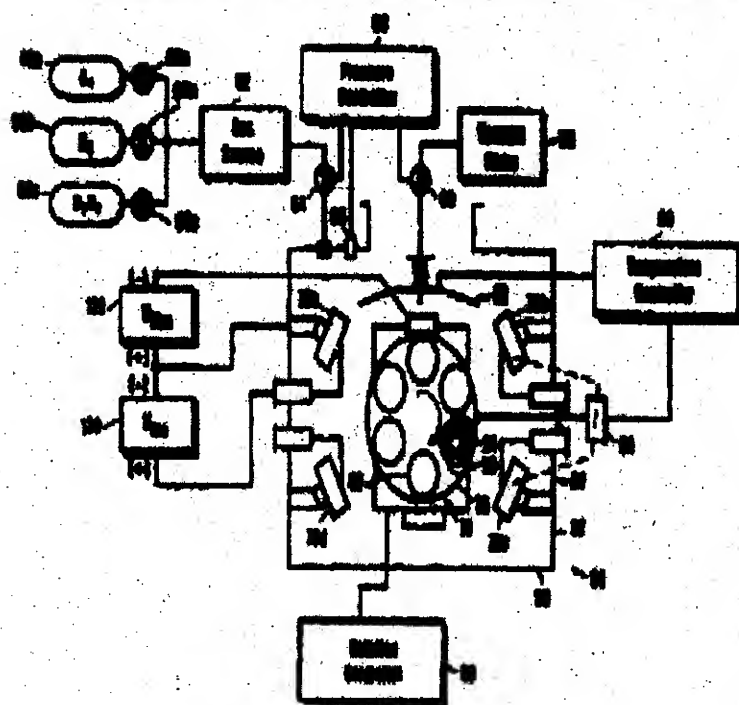
(71) Name of the Applicant : MOLECULAR METALLURGY, INC., OF SUITE 107, 1770 GILLESPIE WAY, EL CAJON, CA 92020, U.S.A.

(72) Name of the Inventors :

1. MECKEL NATHAN K.,

2. CAMPBELL DANA HOWARD.

(57) Abstract : An article is protected with a wear-resistant coating. The wear-coated article is thereafter treated to produce a chemical conversion coating on any portions of the surface of the article accessible through micropores in the wear-resistant coating. For steel articles, the wear-resistant coating is preferably a titanium nitride-based intermetallic compound such as TiN, Ti<sub>2</sub>N, (TiAl)N, Ti(CN), (TiAl)(CN), ZrN, and CrN, and the chemical conversion coating is preferably a phosphate-based compound.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 433/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "VACCINES"

<p>(51) International classification : A61K 39/39 (30) Priority Data : (31) Document No. 0025573.7, 0025574.5 &amp; 09/690, 921 (32) Date : 18/10/2000 (33) Name of convention country : GB &amp; U.S.A (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : <b>GLAXOSMITHKLINE BIOLOGICALS S.A., OF RUE DE L'INSTITUT 89, B-1330 RIXENSART, BELGIUM.</b></p> <p>(72) Name of the Inventors : 1. GARCON NATHALIE, 2. GERARD CATHERINE MARIE GHISLAINE, 3. STEPHENNE JEAN.</p>
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(57) Abstract : The present invention provides novel adjuvant formulations for use with cancer antigens. The adjuvant comprises a saponin and a immunostimulatory oligonucleotide.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 436/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "METHOD OF COLLECTING DATA USING AN EMBEDDED MEDIA PLAYER PAGE"

(51) International classification : G06F 15/16

(30) Priority Data :

(31) Document No. 60/242, 848

(32) Date : 24/10/2000

(33) Name of convention country : U.S.A

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

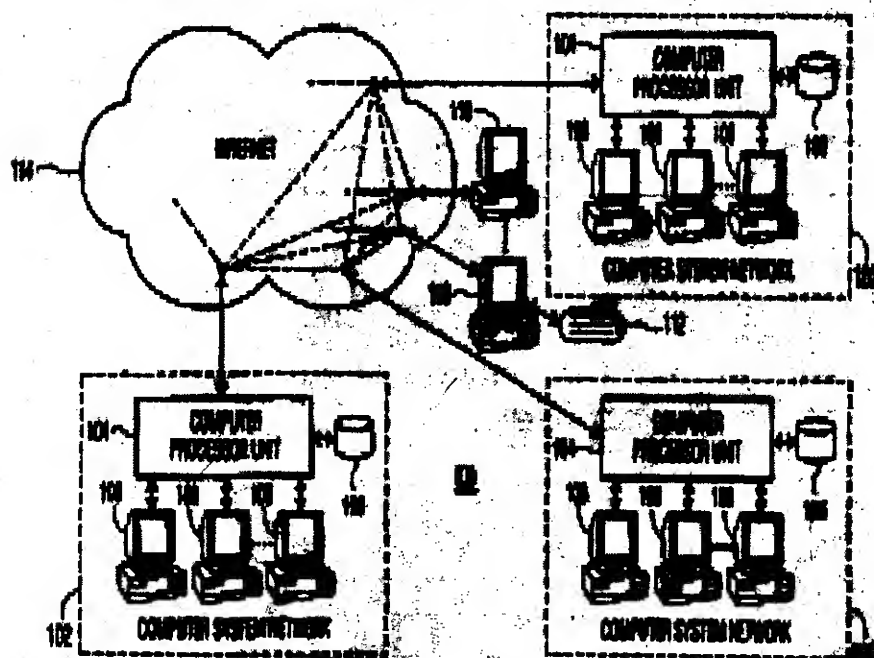
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : THOMSON  
LICENSING S.A., OF 46 QUAI ALPHONSE  
LE GALLO, F 92100 BOULOGNE-  
BILLANCOURT, FRANCE.

(72) Name of the Inventors :  
HAYWARD MONTE DUANE

(57) Abstract : A method of collecting data in connection with the retrieval of a media file includes the steps of transmitting to a media device (110) an embedded media player page for playing the media file and transmitting a media file identification message to a log server (104). The media file identification message identifies the media file. The log server (104) records that the media file has been selected for play back by a user in a log associated with the media file.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

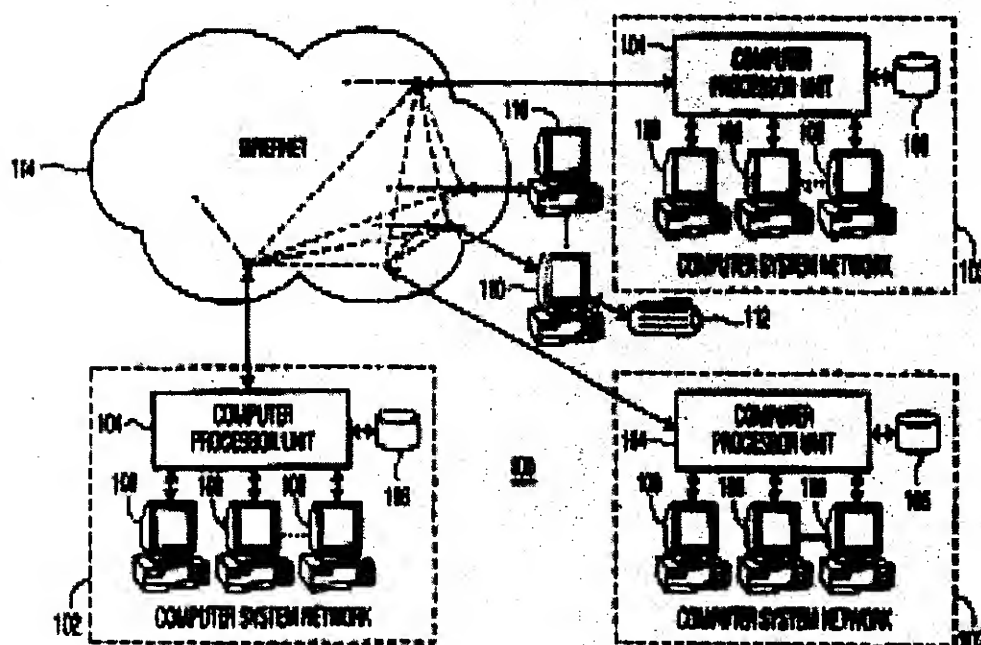
(21) Application No. 437/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "METHOD OF DISSEMINATING ADVERTISEMENTS USING AN EMBEDDED MEDIA PLAYER PAGE"

<p>(51) International classification : H04N  (30) Priority Data :  (31) Document No. 60/242, 848  (32) Date : 24/10/2000  (33) Name of convention country : U.S.A  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46 QUAI ALPHONSE LE GALLO, F 92100 BOULOGNE-BILLANCOURT, FRANCE.   (72) Name of the Inventors : HAYWARD MONTE DUANE</p>
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(57) Abstract : A method of disseminating advertisements includes the step of transmitting to a media device (110) an embedded media player page for playing a media file. The embedded media player page allows a user of the media device (110) to create a bookmark for a browser. The bookmark points to the embedded media player page. The bookmark includes an address of the media file as a parameter. When the bookmark is used in the browser to play the media file, the embedded media player page instructs the media device (110) to request an advertisement from an advertisement server (104) for display in the embedded media player page.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 439/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "NON-YELLOWING ORTHO-DIALKYL ARYL  
SUBSTITUTED TRIAZINE ULTRAVIOLET LIGHT ABSORBERS"

(51) International classification : C07D  
251/24

(30) Priority Data :

(31) Document No. 09/690, 368

(32) Date : 30/10/2000

(33) Name of convention country : U.S.A

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : CYTEC  
TECHNOLOGY CORP., OF 300  
DELAWARE AVENUE, WILMINGTON,  
STATE OF DELAWARE 19801, U.S.A.

(72) Name of the Inventors :

1. GUPTA, RAM B.,

2. SINGH, HARGURPREET,

3. CAPPADONA, RUSSELL, C.,

4. PATERNA, MARK,

5. WAGNER, AL.

(57) Abstract :

The invention relates generally to pyrimidines and triazines ultraviolet light absorbers containing a phenolic aromatic groups(s) and a non-phenolic aromatic groups(s) and the use thereof to protect against degradation by environmental forces, inclusive of ultraviolet light, actinic radiation, oxidation, moisture, atmospheric pollutants, and combinations thereof. The new class of pyrimidines and triazines includes two (one) non-phenolic aromatic groups with hydrocarbyl groups that are ortho to each other and one (two) resorcinol or substituted resorcinol group attached to a triazine or pyrimidine ring. The pyrimidines and triazines may be included in a polymeric structure. A method for stabilizing a material by incorporating the novel pyrimidines and triazines is also disclosed.

Publication After 18 months. hs.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 440/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "POLYMERIC ARTICLES CONTAINING HINDERED AMINE LIGHT STABILIZERS BASED ON MULTI-FUNCTIONAL CARBONYL COMPOUNDS"

(51) International classification : C08K 5/00 (30) Priority Data : (31) Document No. 09/704, 840 (32) Date : 03/11/2000 (33) Name of convention country : U.S.A (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : CYTEC TECHNOLOGY CORP., OF 300 DELAWARE AVENUE, WILMINGTON, DE 19801, U.S.A.  (72) Name of the Inventors : SASSI THOMAS PATRICK
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(57) Abstract : Polymeric articles containing at least one polymeric material and a sufficient amount of at least one novel hindered amine light stabilisers to inhibit at least of photo or thermal degradation. The hindered amine light stabilizer may be a monomeric or an oligomeric hindered amine light stabilizer.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 441/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "OLIGOMERIC HINDERED AMINE LIGHT STABILIZERS BASED ON MULTI-FUNCTIONAL CARBONYL COMPOUNDS AND METHODS OF MAKING SAME"

<p>(51) International classification : C07D 211/00, C08G 69/00, C08K 5/3435</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/704, 527</p> <p>(32) Date : 03/11/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : CYTEC TECHNOLOGY CORP., OF 300 DELAWARE AVENUE, WILMINGTON, STATE OF DELAWARE 19801, U.S.A.</p> <p>(72) Name of the Inventors :</p> <p>1. SASSI, THOMAS, PATRICK,</p> <p>2. GUPTA, RAM, BABOO.</p>
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(57) Abstract :

Oligomeric compounds and methods of making the compound having formula (II) wherein i, j, k, and l are integers from about 0 to 300 and the sum of i, j, k, and l is greater than 2, wherein the units E, F, and T are derived from one or more multi-functional carbonyl compounds of general structure (IV): DO-CO-CR<a>R<b>-(-CR<c>R<d>)-<sub>n</sub>-NH-(Y)<sub>m</sub>-CO-OD wherein n is an integer from 1 to 15, m is either 0 or 1; R<a>, R<b>, R<c>, and R<d>, are each a hydrogen or a hydrocarbyl group; Y is CO-(CR<e>R<f>)<sub>p</sub>, wherein R<e> and R<f> are each a hydrogen or hydrocarbyl group and p is zero or an integer from 1 to 20 or CO-C6-H4-, wherein the substitution pattern on the phenylene group is an ortho, meta, or para substitution pattern, and one or more of the hydrogens of the phenylene group may be substituted by a hydrocarbyl group or a functional group; and D is a hydrocarbyl group and the units E, E' and S are derived from one or more 1-substituted piperidin-4-ol or 4-aminopiperidines of general structure wherein Z is OH or NHG, wherein G is H or C1-C12 alkyl, R<1> is -(CH2)<sub>s</sub>-OH, -(CH2)<sub>s</sub>-NH2, C1-C18 hydroxy, alkoxy or C5-C12 hydroxycycloalkoxy, wherein s is an integer from 1 to 10; R<2> represents hydrogen, C1-C8 alkyl, or benzyl; R<3>, R<4>, R<5>, and R<6> are each a hydrogen, C1-C8 alkyl, benzyl or phenethyl, or two geminal R moieties, which together with the carbon to which they are attached form a C5-C10 cycloalkyl. The compounds are useful for stabilizing polymer compositions against photo- and thermal degradation.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 442/KOL-NP/2003 A

(22) Date of filing of : 09/04/2003  
application

(54) Title of the Invention : "HINDERED AMINE LIGHT STABILIZERS BASED ON MULTI-FUNCTIONAL CARBONYL COMPOUNDS AND METHODS OF MAKING SAME"

<p>(51) International classification : C07D 211/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/704, 793</p> <p>(32) Date : 03/11/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : CYTEC TECHNOLOGY CORP., OF 300 DELAWARE AVENUE, WILMINGTON, STATE OF DELAWARE 19801, U.S.A.</p> <p>(72) Name of the Inventors : 1. SASSI, THOMAS, PATRICK, 2. GUPTA, RAM, BABOO.</p>
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(57) Abstract :

Compounds and methods of preparing compounds of the formula: (I) wherein n is an integer from 1 to 15, m is either 0 or 1; R<a>, R<b>, R<c>, and R<d> are each a hydrogen or a hydrocarbyl group; Y is CO-(CR<e>R<f>)p, wherein R<e> and R<f> are each a hydrogen or hydrocarbyl group and p is zero or an integer from 1 to 20 or CO-C6H4-, wherein the substitution pattern on the phenylene group is an ortho, meta, or para substitution pattern and one or more of the hydrogens of the phenylene group may be substituted by a hydrocarbyl group or a functional group; Z is O- or NG-, wherein G is H, C1-C12alkyl or the radical R; wherein R is (I) wherein R<1> is hydrogen, C1-C18alkyl, O, OH, CH2CN, C1-C18 alkoxy, C1-C18 hydroxyalkoxy, C5-C12 cycloalkoxy, C5-C12 hydroxycycloalkoxy, C3-C6 alkenyl, C1-C18 alkynyl, C7-C9 phenylalkyl, unsubstituted or substituted on the phenyl with 1, 2 or 3 C1-C4 alkyls, or an aliphatic C1-C8 acyl; R<2> is hydrogen, C1-C8 alkyl, or benzyl; R<3>, R<4>, R<5>, and R<6> are each a hydrogen, C1-C8 acyl; R<2> is hydrogen, C1-C8 alkyl, or benzyl; R<3>, R<4>, R<5>, and R<6> are each a hydrogen, C1-C8 alkyl, benzyl, or phenethyl, or two geminal R moieties, which together with the carbon to which they are attached form a C5-C10 cycloalkyl; and A is either ZR or a hydrocarbyl group, which are useful for stabilizing polymer compositions against photo-and thermal degradation.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 443/KOL-NP/2003 A (22) Date of filing of : 09/04/2003 application
- (54) Title of the Invention : "BIS (ALKYLENEOXYBENZOPHENONE) ULTRAVIOLET LIGHT ABSORBERS"

<p>(51) International classification : C07C 69/96, 68/06, 49/84</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/705, 657</p> <p>(32) Date : 03/11/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : CYTEC TECHNOLOGY CORP., OF 300 DELAWARE AVENUE, WILMINGTON, STATE OF DELAWARE 19801, U.S.A.</p> <p>(72) Name of the Inventors : SASSI, THOMAS, PATRICK</p>
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(57) Abstract : The present invention relates to novel bisbenzophenones and the use thereof as an ultraviolet light absorber. The presently claimed compounds are particularly useful, either alone or in combination with other additives, including other ultraviolet light absorbers, antioxidants and stabilizers in stabilizing polymers and other materials from degradation by environmental forces such as actinic radiation (ultraviolet light), oxidation, moisture, atmospheric pollutants and combinations thereof.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 444/KOL-NP/2003 A

(22) Date of filing of : 10/04/2003  
application

(54) Title of the Invention : "METAL DECKING"

(51) International classification : E04D 3/363

(30) Priority Data :

(31) Document No. PR 1303, PR 2285 & PR 2286

(32) Date : 08/11/2000, 22/12/2000 & 22/12/2000

(33) Name of convention country :  
AUSTRALIA

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

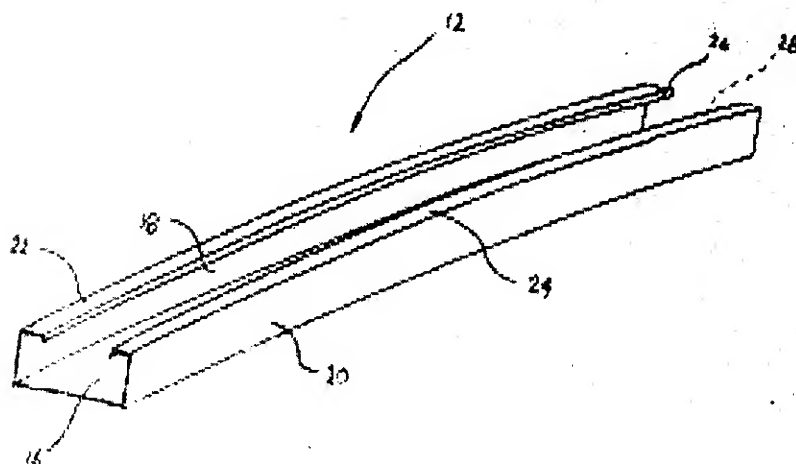
(64) Filed on :NA

(71) Name of the Applicant : BHP STEEL LIMITED, OF 1 YORK STREET, SYDNEY, NEW SOUTH WALES 2000, AUSTRALIA.

(72) Name of the Inventors :  
SECCOMBE CAMPBELL JOHN

(57) Abstract :

The present invention relates generally to a metal decking member (10) being elongate and of a C-section profile including a web (12) and a pair of opposing flanges (14) and (16), respectively. The metal decking member (10) is one of a plurality of metal decking members such as (10) and (18) located alongside one another to together form a metal decking (20). The metal decking (20) is designed to be embedded or clad in a concrete slab so as to form a roof or floor. The flanges (14) and (16) include respective longitudinally extending ribs (30) and (32). The longitudinal ribs (30) and (32) are configured so that adjacent ribs of adjacent decking members interlock to prevent lateral and vertical separation of the metal decking members (10) and (18).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 445/KOL-NP/2003 A

(22) Date of filing of : 10/04/2003  
application

(54) Title of the Invention : "DISTRIBUTED CIRCULAR GEOMETRY POWER AMPLIFIER ARCHITECTURE"

<p>(51) International classification : H03F (30) Priority Data : (31) Document No. 60/239, 470, 60/239, 474 &amp; 60/288, 601 (32) Date : 10/10/2000, 10/10/2000 &amp; 04/05/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : CALIFORNIA INSTITUTE OF TECHNOLOGY, OF 1200, EAST CALIFORNIA BOULEVARD, PASADENA, CALIFORNIA 91125, U.S.A.  (72) Name of the Inventors : 1. AOKI, ICHIRO, 2. HAJIMIRI, SEYED-ALI, 3. RUTLEDGE, DAVID B.,</p>
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(57) Abstract : The present invention discloses a distributed power amplifier topology and device that efficiently and economically enhances the power output of an RF signal to be amplified. The power amplifier comprises a plurality of push pull amplifiers inter-connected in a novel circular geometry that preferably function as a first winding of an active transformer having signal inputs of adjacent amplification devices driven with an input signal of equal magnitude and opposite phase. The topology also disclose the use of a secondary winding that matches the geometry of primary winding and variations thereof that serve to efficiently combine the power of the individual power amplifiers. The novel architecture enables the design of low cost, fully integrated, high-power amplifiers in the RF, microwave and millimetre-wave frequencies.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 446/KOL-NP/2003 A

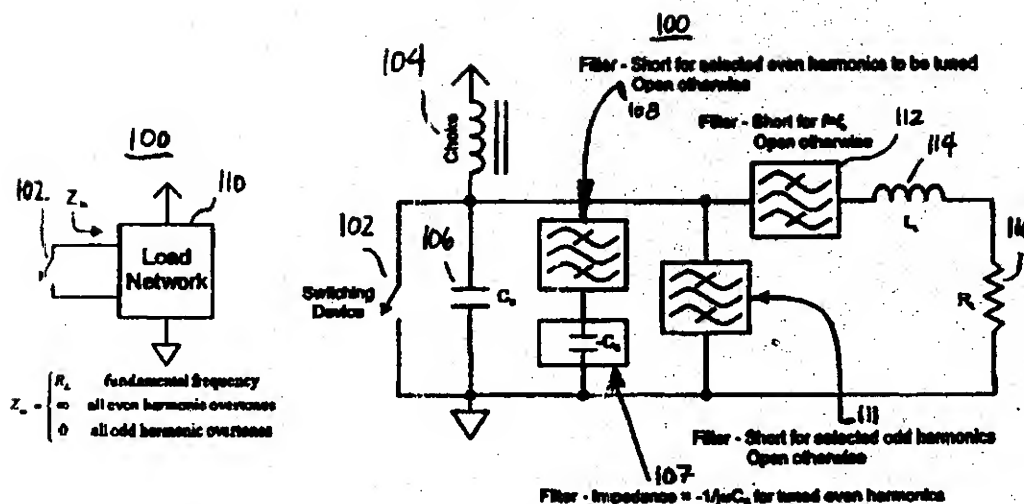
(22) Date of filing of : 10/04/2003  
application

(54) Title of the Invention : "CLASS E/F SWITCHING POWER AMPLIFIERS"

<p>(51) International classification : H03F (30) Priority Data : (31) Document No. 60/239, 473 (32) Date : 10/10/2000, (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : CALIFORNIA INSTITUTE OF TECHNOLOGY, OF 1200, EAST CALIFORNIA BOULEVARD, PASADENA, CALIFORNIA 91125, U.S.A.  (72) Name of the Inventors : 1. KEE, SCOTT DAVID, 2. AOKI, ICHIRO, 3. HAJIMIRI, SEYED-ALI, 4. RUTLEDGE, DAVID B.</p>
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(57) Abstract :

The present invention discloses a new family of switching amplifier classes called "class E/F amplifiers." These amplifiers are generally characterized by their use of the zero-voltage-switching (ZVS) phase correction technique to eliminate of the loss normally associated with the inherent capacitance of the switching device as utilized in class-E amplifiers, together with a load network for improved voltage and current wave-shaping by presenting class-F-1 impedances at selected overtones and class-E impedances at the remaining overtones. The present invention discloses several topologies and specific circuit implementations for achieving such performance.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 447/KOL-NP/2003 A

(22) Date of filing of : 10/04/2003  
application

(54) Title of the Invention : "4-AMINO-QUINAZOLINES"

(51) International classification : H03F

(30) Priority Data :

(31) Document No. 09/666, 117

(32) Date : 20/09/2000,

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

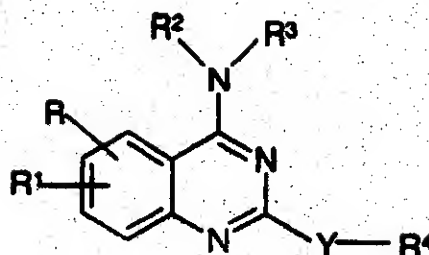
(64) Filed on :NA

(71) Name of the Applicant : MERCK  
PATENT GMBH., OF FRANKFURTER  
STRASSE 250, 64293 DARMSTADT,  
GERMANY.

(72) Name of the Inventors :

1. MEDERSKI, WERNER,
2. DEVANT, RALF,
3. BARNICKEL, GERHARD,
4. BERNOTAT-DANIELOWSKI, SABINE
5. VICKERS, JAMES,
6. CEZANNE, BERTRAM,
7. DHANOA, DALJIT,
8. ZHAO, BAO-PING,
9. RINKER, JAMES,
10. PLAYER, MARK R.,
11. JAEGER, EDWARD,
12. SOLL, RICHARD

(57) Abstract : Quinazolines of the formula 1, in which R, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and Y have the meaning indicated in Patent Claim 1, and their salts or solvates as glycoprotein IbIX antagonists.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 449/KOL-NP/2003 A

(22) Date of filing of : 10/04/2003  
application

(54) Title of the Invention : "PROCESS FOR PREPARING ACETIC ACID"

<p>(51) International classification : C07C 51/215</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 55 810.0</p> <p>(32) Date : 10/11/2000,</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : CELANESE INTERNATIONAL CORPORATION, 1601 WEST LBJ FREEWAY, DALLAS TEXAS 75381, U.S.A.</p> <p>(72) Name of the Inventors :</p> <p>1. ZEYSS SABINE,</p> <p>2. DINGERDISSEN UWE,</p> <p>3. BAERNS MANFRED,</p> <p>4. WOLF DORIT,</p> <p>5. LINKE DAVID.</p>
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(57) Abstract : The invention relates to a method for producing acetic acid by oxidizing ethene in fluid bed reactors with high selectivity and high yields.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 486/KOL-NP/2003 A

(22) Date of filing of : 10/04/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR EJECTING INK"

(51) International classification : B41J 2/00

(30) Priority Data :

(31) Document No. 09/702, 231

(32) Date : 30/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

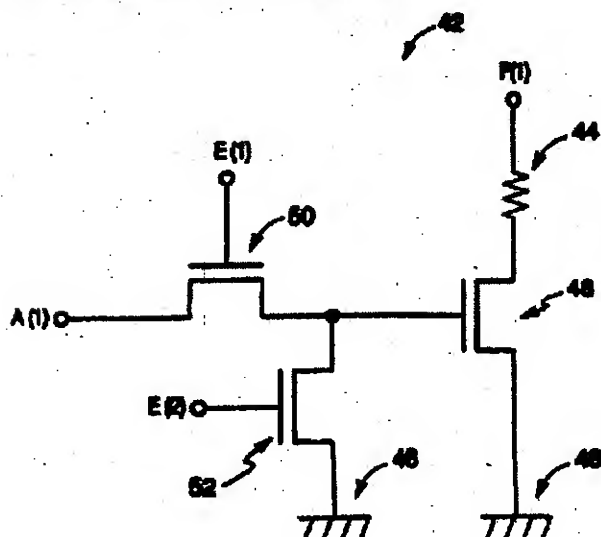
(71) Name of the Applicant : HEWLETT  
PACKARD COMPANY, LEGAL  
DEPARTMENT, M/S 20TH, 3000  
HANOVER STREET, PALO ALTO, CA  
94304-1112, U.S.A.

(72) Name of the Inventors :

1. TORGERSON JOSEPH M.,
2. CROWGER BRUCE,
3. HURST DAVID M.,
4. MACKENZIE MARK H.,

(57) Abstract :

The present disclosure relates to an inkjet printhead having a plurality of drop generators responsive to drive current and address signals for dispensing ink. The inkjet printhead includes first and second drop generators disposed on the printhead with each of the first and second drop generators configured to receive drive current from a drive current source. Each of the first and second drop generators is configured to receive address signals from a common address source. The inkjet printhead further includes a switching device connected between the common address source and each of the first and second drop generators. The switching device is responsive to enable signals for selectively providing the address signal to only one of the first and second drop generators.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 452/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "MICROBLADE ARRAY IMPACT APPLICATOR"

(51) International classification : A61B 5/14,  
A61M 37/00

(30) Priority Data :

(31) Document No. 60/240, 436

(32) Date : 13/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

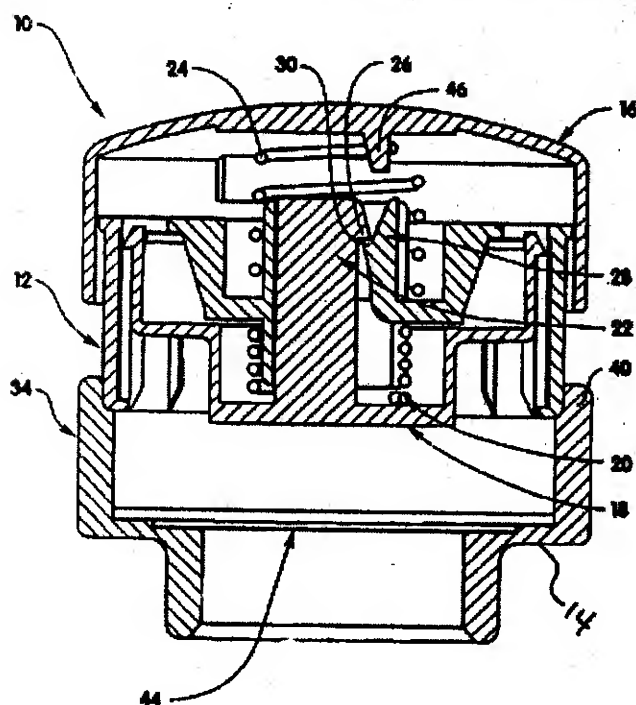
(71) Name of the Applicant : ALZA  
CORPORATION, 1900 CHARLESTON  
ROAD, P.O. BOX 7210, M10-3, MOUNTAIN  
VIEW, CA 94039-7210, U.S.A.

(72) Name of the Inventors :

1. TRAUTMAN JOSEPH C.,
2. KEENAN RICHARD L.,
3. CAO MICHAEL T.,

(57) Abstract :

An applicator device (10) is provided for applying a patch (44) having an array of microprotrusions (90) to the stratum corneum. The applicator device (10) includes a device body (12) and a piston moveable within the device body (12). A cap (16) is provided on the device body (12) for activating the device (10) to impact the stratum corneum with a microprotrusion array (44, 90). The device (10) is capable of being cocked by one handed operation of the user which allows the device (10) to be used by patients having neither the strength nor the manual dexterity to cock other types of applicator devices.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 453/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "APPARATUS AND METHOD FOR PIERCING SKIN WITH MICROPROTRUSIONS"

(51) International classification : A61B 17/20

(30) Priority Data :

(31) Document No. 60/240, 307

(32) Date : 13/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : ALZA CORPORATION, 1900 CHARLESTON ROAD, P.O. BOX 7210, M10-3, MOUNTAIN VIEW, CA 94039-7210, U.S.A.

(72) Name of the Inventors :

1. CORMIER MICHEL J. N.,

2. DADDONA PETER E.,

3. KEENAN RICHARD L.,

4. LIN WEIQI,

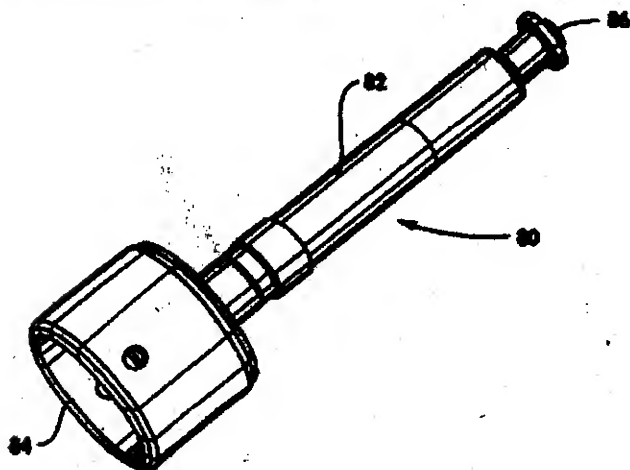
5. MATRIANO JAMES A.,

6. SAMIEE AHMAD P.,

7. TRAUTMAN JOSEPH C.,

**(57) Abstract :**

A method and device are described for applying a microprotrusion member (44) including a plurality of microprotrusions (90) to the stratum corneum with impact. The method and device are used to improve transport of an agent across the skin for agent delivery or sampling. The applicator (10, 60, 80) causes the microprotrusion member (44) to impact the stratum corneum with a certain amount of impact determined to effectively pierce the skin with the microprotrusions (90). The preferred applicator (10, 60, 80) impacts the stratum corneum with the microprotrusion member (44) with an impact of at least 0.05 joules per cm<sup>2</sup> of the microprotrusion member (44) in 10 msec or less.



Publication After 18 months. IS.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 454/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "MICROPROTRUSION MEMBER RETAINER FOR IMPACT APPLICATOR"

(51) International classification : A61B 17/20, A61M 37/00

(30) Priority Data :

(31) Document No. 60/240, 379

(32) Date : 13/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : ALZA CORPORATION, 1900 CHARLESTON ROAD, P.O. BOX 7210, M10-3, MOUNTAIN VIEW, CA 94039-7210, U.S.A.

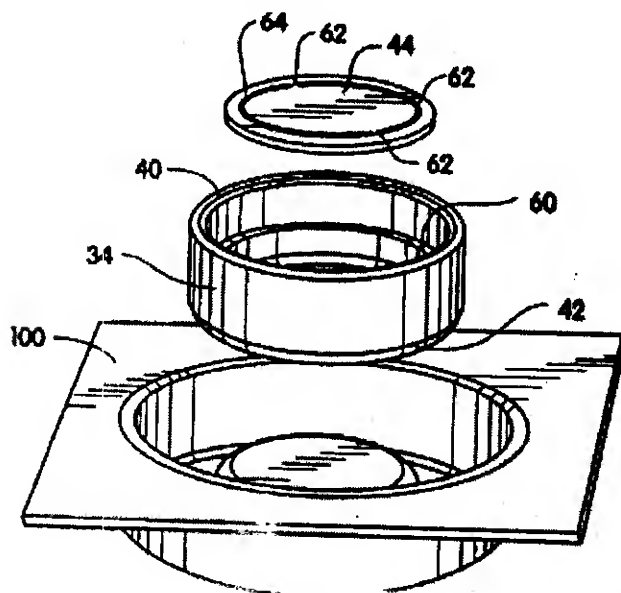
(72) Name of the Inventors :

1. TRAUTMAN JOSEPH C.,

2. KEENAN RICHARD L.

(57) Abstract :

A retainer (34) is provided for holding a microprotrusion member (44) for application of the microprotrusion member (44) to the stratum corneum with an impact applicator (10). The microprotrusion member (44) includes a plurality of microprotrusions (90) which penetrate the stratum corneum to improve transport of an agent across the stratum corneum.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 455/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "ETHANOL PRODUCTION"

<p>(51) International classification : C12N 15/00 (30) Priority Data : (31) Document No. 0024554.8 &amp; 60/247, 017 (32) Date : 06/10/2000 &amp; 13/11/2000 (33) Name of convention country : GB &amp; U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ELSWORTH BIOTECHNOLOGY LIMITED, AGROL HOUSE, WOODBRIDGE MEADOWS, GUILDFORD, SURREY GU1 1BA, GREAT BRITAIN.  (72) Name of the Inventors : 1. JAVED MUHAMMAD, 2. CUSDIN FIONA, 3. MILNER PAUL, 4. GREM EADWARD.</p>
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(57) Abstract : The present invention relates to the production of ethanol as a product of bacterial fermentation. In particular this invention relates to a novel method of gene inactivation and gene expression based upon homologous recombination.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

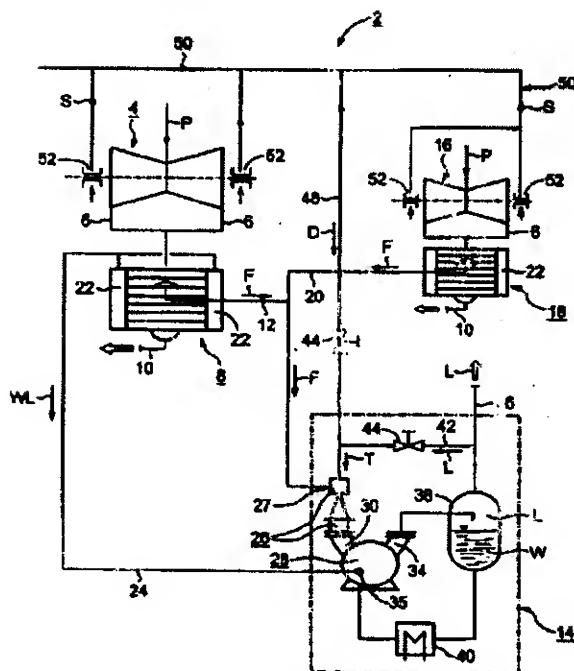
(21) Application No. 456/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "STEAM TURBINE PLANT, AND METHOD OF OPERATING A STEAM TURBINE PLANT"

<p>(51) International classification : F01K  (30) Priority Data :  (31) Document No. 100 48, 439.5  (32) Date : 29/09/2000  (33) Name of convention country : DE  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : NASH-ELMO INDUSTRIES GMBH, OF KATZWANGER STR. 158, D-90461 NURNBERG, GERMANY.   (72) Name of the Inventors :  1. SAUER, HERRY,  2. KRANER, EDMUND.</p>
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(57) Abstract : In the steam turbine plant (2) having a vacuum pumping arrangement (14) which has a jet pump (26) and liquid ring pump (28) arranged in series one after the other, steam collecting in the plant (2), preferably mixed with air (L), is used as motive fluid (T) for the jet pump (26). As a result, the downstream liquid ring pump (28) can be dimensioned so as to be comparatively small. The vacuum pumping arrangement (14) is preferably designed as a central vacuum pumping system for the steam turbine plant (2) and serves to deaerate a multiplicity of plant components (8, 18, 22).





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 458/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "PROCESS FOR TREATING A SOLID-LIQUID MIXTURE"

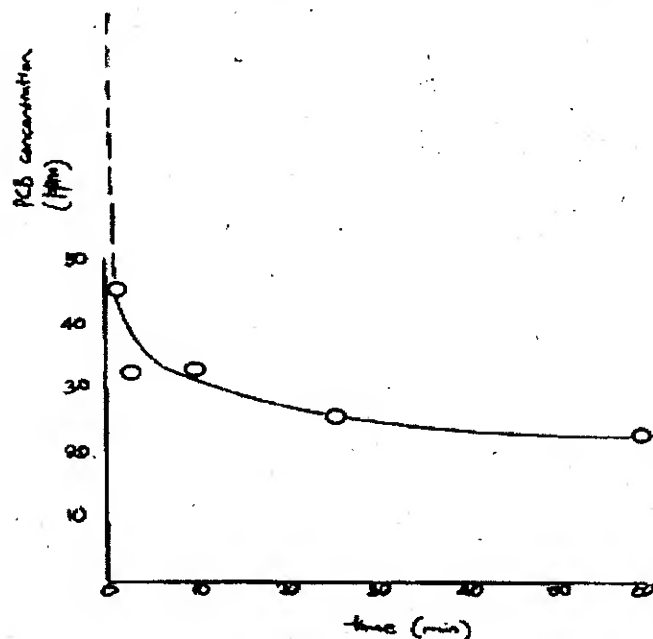
(51) International classification : B04J 19/10  
(30) Priority Data :  
(31) Document No. PR 4871  
(32) Date : 13/09/2000  
(33) Name of convention country :  
AUSTRALIA  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant :  
COMMONWEALTH SCIENTIFIC AND  
INDUSTRIAL RESEARCH  
ORGANISATION, OF LIMESTONE  
AVENUE, CAMPBELL, AUSTRALIAN  
CAPITAL TERRITORY 2612,  
AUSTRALIA.

(72) Name of the Inventors :  
COLLINGS ANTHONY FRANCIS.

(57) Abstract :

A process for treating a solid-liquid mixture by cavitation has been developed to decompose at least some contaminant associated with the solid particles, the contaminant either being adsorbed into the pores of the solid or onto the surface of the solid particles. The process includes the step of subjecting the mixture to cavitation such that a portion of the contaminant is chemically decomposed. Typically the chemical decomposition occurs at the surface of the solid particles, although the process can also occur to some extent within the pores near the surface of the solid material being treated. Typically the cavitation process is an ultrasonic treatment step, although other cavitation processes are applicable, for example high shear mixing. The cavitation effect is capable of achieving physico-chemical changes at the particle surfaces. The localised high temperatures on bubble collapse (as high as 5000K) can decompose contaminant substances such as PCB and other hazardous materials including polybrominated biphenyl (PBB), organochloride and organophosphate compounds, pesticides and the like. One of the advantages of the treatment process is that the decomposition products are quenched quickly to the temperature of the bulk fluid (at, for example, 50°C) which avoids the reformation of the PCB or the formation of undesirable side reaction products such as dioxins.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 459/KOL-NP/2003 A

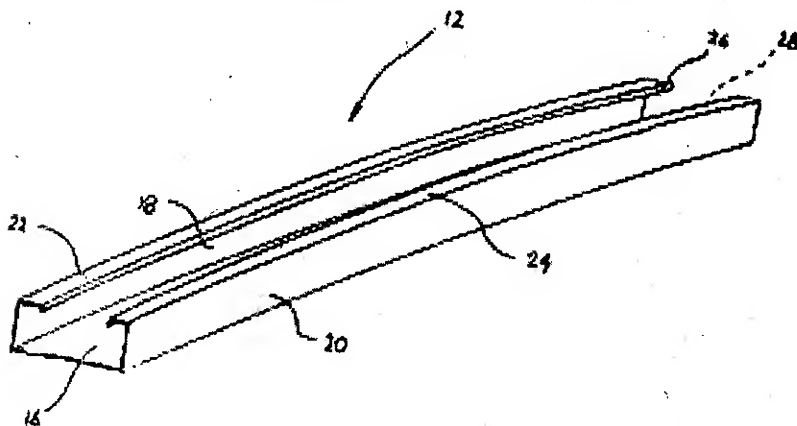
(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "METAL DECKING"

<p>(51) International classification : E04C 2/08  (30) Priority Data :  (31) Document No. PR 1303, PR 2285 &amp; PR 2286  (32) Date : 08/11/2000, 22/12/2000 &amp; 22/12/2000  (33) Name of convention country : AUSTRALIA  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : BHP STEEL LIMITED, OF YORK STREET, SYDNEY, NEW SOUTH WALES 2000, AUSTRALIA.  (72) Name of the Inventors : SECCOMBE CAMPBELL JOHN</p>
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(57) Abstract :

The present invention relates generally to metal decking 10 including a pair of adjacent metal decking members 12 and 14 located alongside one another. The adjacent metal decking members 12 and 14 are of an identical cross-sectional shape being elongate and of a C-section profile. The C-section metal decking member 12 includes a web 16 and a pair of opposing flanges 18 and 20, respectively. The web 16 of the metal decking member 12 is longitudinally pre-cambered inwardly of the metal decking member 12. The metal decking member 12 which ordinarily in a concrete slab (not shown) is thus capable of spanning an increased distance unsupported.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 460/KOL-NP/2003 A

(22) Date of filing of : 11/04/2003  
application

(54) Title of the Invention : "QUICK DISCONNECT OFFSET HEAD RATCHET WRENCH"

(51) International classification : B25B 13/46

(30) Priority Data :

(31) Document No. 60/233, 323

(32) Date : 15/09/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

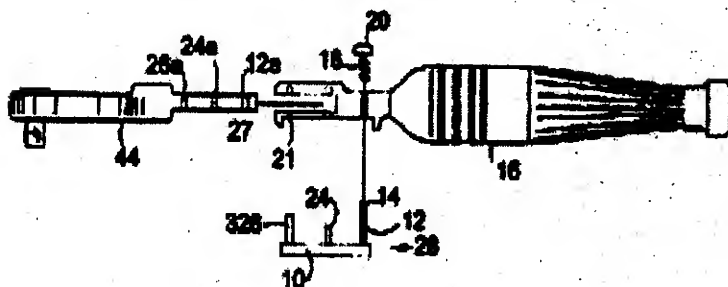
(64) Filed on : NA

(71) Name of the Applicant : KADY  
DARREN J., OF 6001 MORGAN'S GLEN  
PLACE, GLEN ALLEN, VA 23059, U.S.A.  
AND BARNES BENNY R., OF HCR 7 BOX  
802, ROUTE 688, MADISON, VA 22727  
U.S.A.

(72) Name of the Inventors :

1. KADY DAREN J.,  
2. BARNES BENNY R.

(57) Abstract : The invention is an improved Offset Head Ratchet Wrench. It allows the user to remove or interchange different size ratchet heads or tools quickly with the push of a button attached at the head of the activating shaft. This shaft can activate in three stages if it is operating an offset wrench. The activating shaft is attached to an E shaped structure, which is made up of ;an activating shaft, locking pin and pivot pin, all three being attached to a central plate. Stage one is when the activating shaft is in a partially depressed position. The locking pin releases the ratchet head for rotation only. Stage two is when the activating shaft is fully depressed, it releases the pivot pin, allowing the ratchet head to be easily and quickly removed or exchanged for another type of tool with a similarly designed head.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 462/KOL-NP/2003 A

(22) Date of filing of : 16/04/2003  
application

(54) Title of the Invention : "MULTIPLE ZONE APERTURED WEB"

(51) International classification : A61F  
13/512

(30) Priority Data :

(31) Document No. 60/312, 330

(32) Date : 14/08/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

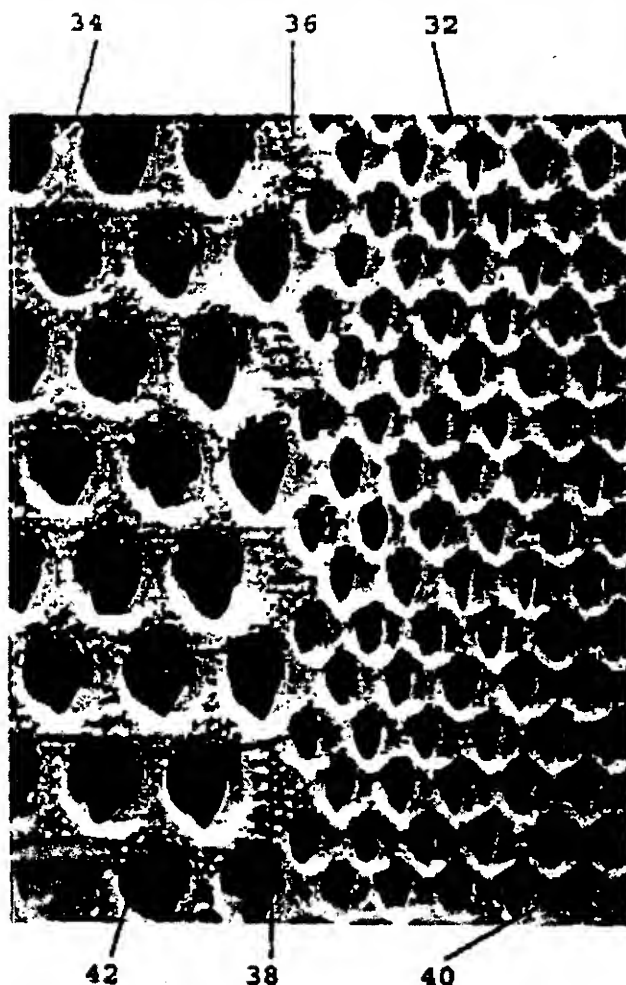
(71) Name of the Applicant : MCNEIL-PPC,  
INC., GRANDVIEW ROAD, SKILLMAN,  
NJ 08558, U.S.A.

(72) Name of the Inventors :

1. GUBERNICK DAVID,

2. KELLY WILLIAM G. P.,

(57) Abstract : The invention provides an apertured web comprising multiple, discrete zones comprising arrangements of land areas and at least two apertures.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 463/KOL-NP/2003 A

(22) Date of filing of : 16/04/2003  
application

(54) Title of the Invention : "NEW 7-AZAINDOLES, THEIR USE AS INHIBITORS OF PHOSPHODIESTERASE 4, AND A METHOD FOR SYNTHESIZING THEM"

(51) International classification : C07D  
471/04

(30) Priority Data :

(31) Document No. 100 53 275.6 & 60/244,  
342

(32) Date : 27/10/2000 & 30/10/2000

(33) Name of convention country : DE &  
U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : ELBION AG.,  
OF MEISSNER STRASSE 191, 01445  
RADEBEUL, GERMANY.

(72) Name of the Inventors :

1. HOFGEN NORBERT,
2. EGERLAND UTE,
3. KRONBACH THOMAS,
4. MARX DEGENHARD,
5. SZELENYI STEFAN,
6. KUSS HILDEGARD,
7. POLYMEROPOULOS EMMANUEL.

(57) Abstract : The invention relates to new 7-azaindoles, their use as inhibitors of phosphodiesterase 4 and to methods for their synthesis.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 464/KOL-NP/2003 A (22) Date of filing of : 16/04/2003  
application  
(54) Title of the Invention : "HIGH HARDNESS, HIGHLY DUCTILE FERROUS ARTICLES"

(51) International classification : C21D 8/00 (30) Priority Data : (31) Document No. 09/977, 167 (32) Date : 12/10/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : BORGWARNER INC., OF BORG WARNER POWERTRAIN TECHNICAL CENTER, 3800 AUTOMATION DRIVE, AUBURN HILLS, MI 48236, U.S.A.  (72) Name of the Inventors : 1. JACKSON TOM R., 2. FRABONI ANNE MARIE
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(57) Abstract : Ferrous articles are austenitized, then converted to at least 60% bainite, and the balance substantially converted to martensite by quenching; the articles are then cold worked, preferably by both compression and tensile deformation to at least 60% yield strength. The articles have improved serviceability, particularly fatigue life.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 465/KOL-NP/2003 A

(22) Date of filing of : 16/04/2003  
application

(54) Title of the Invention : "A NOVEL CRYSTALLINE FORM OF 6-HYDROXY-3-(4-(2-PIPERIDIN-1-YL)ETHOXY)PHENOXY)-2-(4-METHOXYPHENYL) BENZO(B) THIOPHENE HYDROCHLORIDE"

(51) International classification : C07D  
333/64

(30) Priority Data :

(31) Document No. 60/242, 252

(32) Date : 20/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

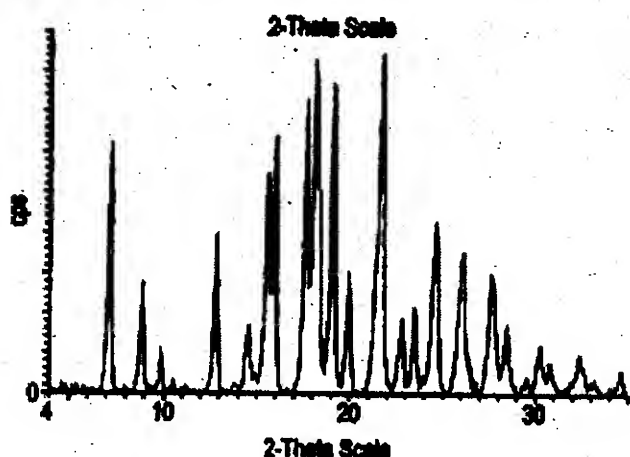
(64) Filed on :NA

(71) Name of the Applicant : ELI LILLY  
AND COMPANY OF LILLY CORPORATE  
CENTER, INDIANAPOLIS, IN 46285,  
U.S.A.

(72) Name of the Inventors :  
LUKE WAYNE DOUGLAS

(57) Abstract :

The present invention is directed to a novel, non-solvated, anhydrous crystal form of 6-hydroxy-3-(4-[2-(piperidin-1-yl)ethoxy]-phenoxy)-2-(4-methoxyphenyl)benzo[b]thiophene hydrochloride and uses for same, including inhibition of disease states associated with estrogen deprivation including cardiovascular disease, hyperlipidemia, and osteoporosis; and inhibition of other pathological conditions such as endometriosis, uterine fibrosis, estrogen-dependent cancer (including breast and uterine cancer), prostate cancer, benign prostatic hyperplasia, CNS disorders including Alzheimer's disease, prevention of breast cancer, and up-regulating ChAT



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 466/KOL-NP/2003 A

(22) Date of filing of : 16/04/2003  
application

(54) Title of the Invention : "PROCESS FOR SEPARATING PHENOL FROM A MIXTURE COMPRISING AT LEAST HYDROXYACETONE, CUMENE, WATER AND PHENOL"

<p>(51) International classification : C07C 39/04, 37/74</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 60 505.2</p> <p>(32) Date : 06/12/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : INEOS PHENOL GMBH &amp; CO. KG., DECHENSTRASSE 3, 45966 GLADBECK, GERMANY.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"><li>1. KORTE, HERMANN-JOSEF,</li><li>2. SCHWARZ, CHRISTOPH,</li><li>3. TANGER, UWE,</li><li>4. ULLRICH, JOCHEN,</li><li>5. WEBER, MARKUS.</li></ol>
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(57) Abstract :

The present invention claims a process for separating phenol from a mixture comprising at least hydroxyacetone, cumene, water and phenol, which comprises fractionating the mixture by means of a single fractional distillation step and a single phase separation step in such a way that a single phenol-containing fraction containing less than 300 ppm of hydroxyacetone is obtained. In the work-up by distillation of cleavage product mixtures, the hydroxyacetone is usually removed from the cleavage product mixture together with a phenol fraction from which the hydroxyacetone has to be removed in a costly fashion. The process of the invention enables the outlay in terms of apparatus and the energy consumption to be substantially reduced compared to conventional plants. The process of the invention can be used for the work-up by distillation of cleavage product mixtures obtained in the cleavage of alkylaryl hydroperoxides, particularly in the cleavage of cumene hydroperoxide. Use of the process of the invention makes it possible to separate phenol and acetone from a cleavage product mixture obtained in the cleavage of cumene hydroperoxide



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 468/KOL-NP/2003 A

(22) Date of filing of : 16/04/2003  
application

(54) Title of the Invention : "AUTOMATIC SURGICAL CLIP APPLIER"

(51) International classification : A61B 17/42

(30) Priority Data :

(31) Document No. 09/694, 524

(32) Date : 23/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

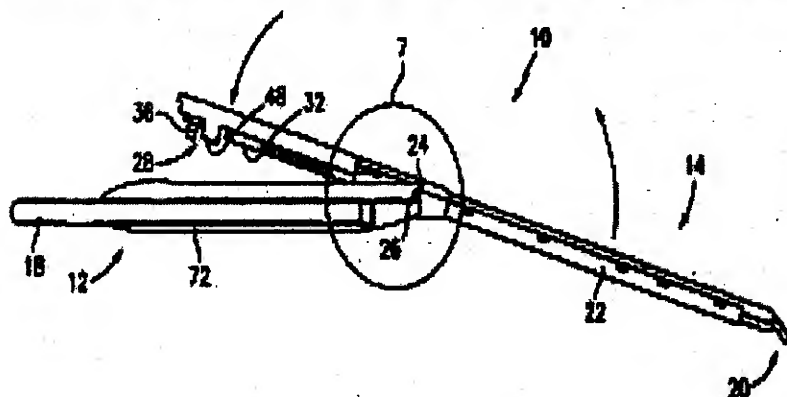
(71) Name of the Applicant : VITALITEC  
INTERNATIONAL S.A., OF Z.A. VAGUE  
DE LA NOE, ROUTE DE LA GUERCH-BP  
1, F-35680, DOMALAIN, FRANCE.

(72) Name of the Inventors :

1. FORSTER MICHEL C.,  
2. LEBOZEC JACQUES.

(57) Abstract :

An automatic surgical clip applier (10) includes a handle assembly (12) having an actuating member for causing a first member (30) to move sequentially in a distal direction and a proximal direction, and for causing a second member (34) to move sequentially in a proximal direction and a distal direction; and a clip applier assembly (14) adapted for releasably securing to the handle assembly (12) and having a jaw closing member (32) and a clip feeding member (36), the jaw closing member (32) being engageable with the first member (30) and the clip feeding member (36) being engageable with the second member (34).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 469/KOL-NP/2003 A

(22) Date of filing of : 16/04/2003  
application

(54) Title of the Invention : "BACTERIA USED FOR OXIDISING ARSENIC, METHOD FOR SELECTING SAME AND USES THEREOF FOR TREATING MEDIA CONTAINING ARSENIC"

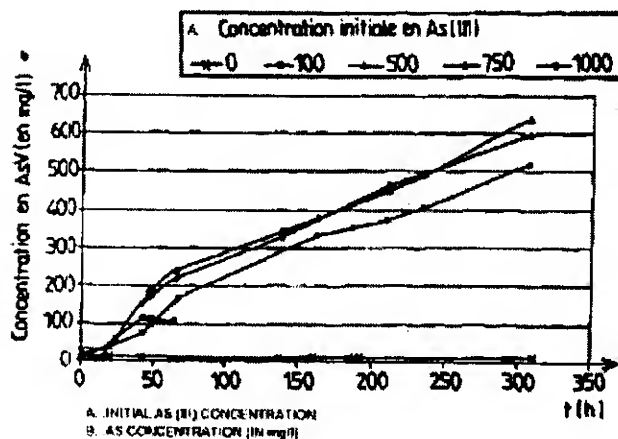
(51) International classification : C12N 1/20  
(30) Priority Data :  
(31) Document No. 00/12579  
(32) Date : 03/10/2000  
(33) Name of convention country : FRANCE  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : B.R.G.M.-  
BUREAU DE RECHERCHES  
GEOLOGIQUES ET MINIERES OF TOUR  
MIRABEAU, 39/41, QUAI ANDRE  
CITROEN, F-75739 PARIS CEDEX 15,  
FRANCE.

(72) Name of the Inventors :  
1. BATTAGLIA-BRUNET FABIENNE,  
2. MORIN, DOMINIQUE,  
3. DICTOR, MARIE-CHRISTINE,  
4. BARANGER, PHILIPPE.

(57) Abstract :

The invention concerns isolated autotrophic aerobic bacteria capable of oxidising As(III) into As(V) using CO<sub>2</sub> as only carbon source and As(III) as only energy source. The invention also concerns a use of said bacteria in treating media containing arsenic



Publication After 18 months.

The following Patent application have been published under Section 11-A of the Patents (Amendment) Act, 2002

(21) Application No. 471/KOL-NP/2003 A

(22) Date of filing of : 17/04/2003  
application

(54) Title of the Invention : "SECURITY DEVICE FOR INFORMATION STORAGE MEDIA"

(51) International classification : E05B 73/00

(30) Priority Data :

(31) Document No. 0027553.7, 0029223.5

(32) Date : 10/11/2000 & 30/10/2000

(33) Name of convention country : GB

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

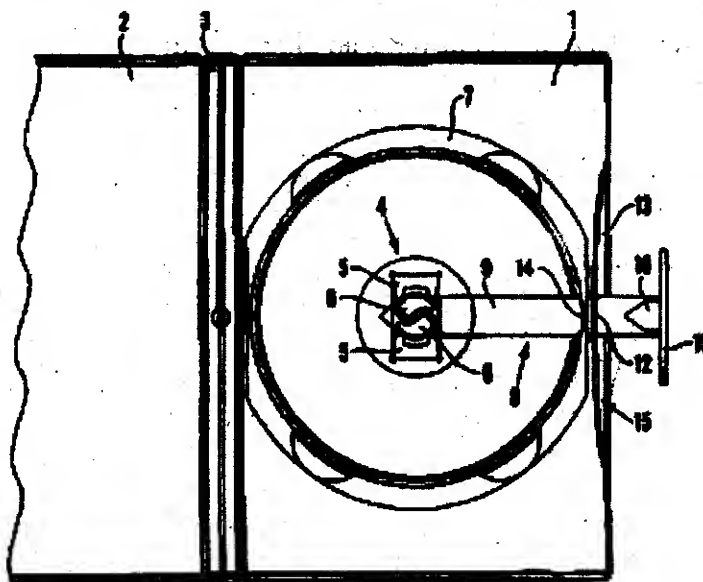
(71) Name of the Applicant : DUBOIS LIMITED, OF ARMARAY HOUSE, ARKWRIGHT ROAD, CORBY, NORTHANTS, NN17 5AE, GREAT BRITAIN.

(72) Name of the Inventors :

1. FARRAR PETER ANTONY,
2. FRASER ANTHONY HENRY JOSEPH,
3. PLANOWSKI STEFAN ALEXANDER,
4. JOHNSTON ROBERT.

(57) Abstract :

Apparatus (19) for holding information storage media, such as a CD or DVD, in combination with a releasable security member (8) insertable into the apparatus for inhibiting removal of the storage media from the apparatus, e.g. by inhibiting access to the storage media by locking the apparatus in a closed configuration and/or by locking the storage media to the apparatus. The apparatus is adapted, e.g. by knowing one or more slots (12, 24) therein, to receive part of the security member therein and the security has at least one projection (9A, 10A) for inserting into the apparatus, e.g. through the slot (12, 24). Modification to the apparatus to enable it to receive a security member are described as well as different types of security members. Apparatus for releasing the security member from the apparatus holding the storage media is also described.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

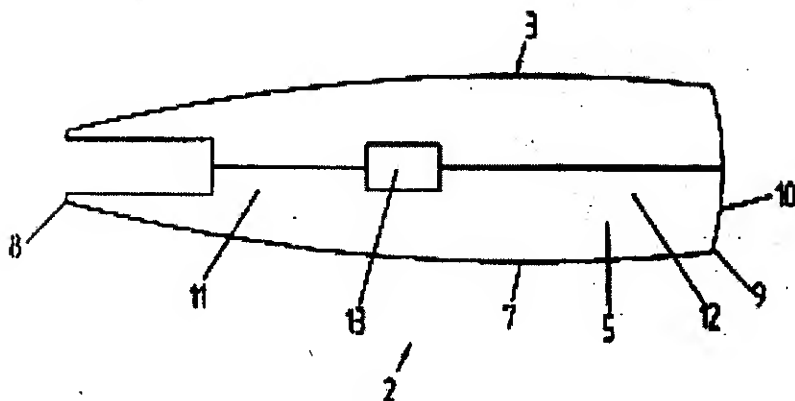
(21) Application No. 473/KOL-NP/2003 A

(22) Date of filing of : 17/04/2003  
application

(54) Title of the Invention : "FITTING"

<p>(51) International classification : E05D 5/02  (30) Priority Data :  (31) Document No. 100 47 559.0, 100 47 557.4, 100 47 558.2 &amp; 201 05 539.2  (32) Date : 22/09/2000 &amp; 28/03/2001  (33) Name of convention country : GERMANY  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : DORMA GMBH + CO. KG., OF BRECKERFELDER STRASSE 42-48, 58256, ENNEPETAL, GERMANY.   (72) Name of the Inventors :  1. HERTH HOLGER,  2. LINK OLIVER,  3. KALUZA GEORG.</p>
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(57) Abstract : The invention relates to fittings (1, 21) for fastening a glass element (45) and/or for disposing it in a lockable position to at least one adjoining glass element, the fittings (1, 21) being assembled from fitting-halves (2, 3, 22, 23, 26, 27), which each consist of a sub-structure (42) fastened to the glass element (45) and of a cover (25) capping the sub-structure (42). With the objective to achieve a fitting (1, 21) forming a compact and aesthetically pleasing unit having the smallest possible construction height, while maintaining the prevailing variety of applications and the different functions, the cover (25) presents a frontal surface (7, 30) extending between lateral surfaces (5, 6, 28, 29), which extends convex curved from an edge (8, 31) towards an opposite edge (9, 32).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

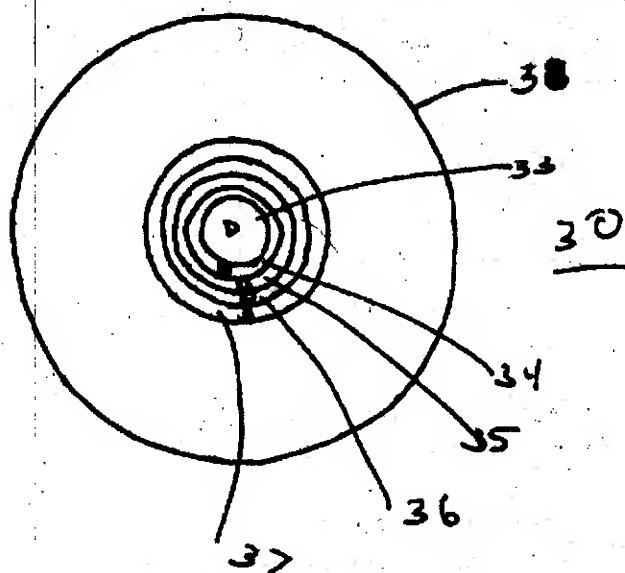
- (21) Application No. 475/KOL-NP/2003 A. (22) Date of filing of : 17/04/2003 application  
(54) Title of the Invention : "OPHTHALMICLENSES FOR HIGH ORDER ABERRATION CORRECTION AND PROCESSES FOR PRODUCTION OF THE LENSES."

(51) International classification : A61B 3/00  
(30) Priority Data :  
(31) Document No. 09/690, 651  
(32) Date : 17/10/2000  
(33) Name of convention country : U.S.A.  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE INC., 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FL 32256, U.S.A.

(72) Name of the Inventors :  
1. ROFFMAN JEFFREY H.,  
2. NASON RICHARD J.,  
3. MENEZES EDGAR V.,

- (57) Abstract : The invention provides multifocal ophthalmic lenses that have zones of more than one optical power, or focal length: The lenses correct for high order optical aberrations in more than one field of gaze.



Publication After 18 months.

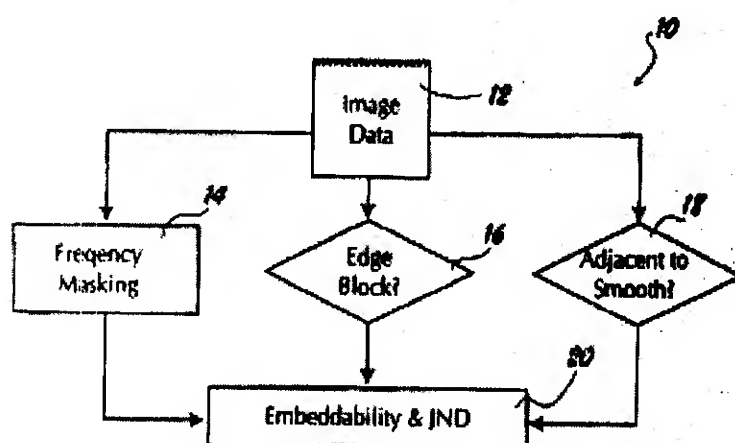
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 478/KOL-NP/2003 A (22) Date of filing of : 17/04/2003  
application  
(54) Title of the Invention : "HUMAN VISUAL MODEL FOR DATA HIDING."

(51) International classification : G06K 9/00, 9/35 (30) Priority Data : (31) Document No. 09/691, 544 (32) Date : 18/10/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN.  (72) Name of the Inventors : 1. WU MIN, 2. YU HONG HEATHER.
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## (57) Abstract :

A method and apparatus of hiding identification data (12) in visual media. When image or video data is received, frequency masking (14) is performed to divide the image or video data into blocks of smooth regions and blocks of non-smooth regions and to obtain preliminary just-noticeable-difference. Edge detection is performed to divide the non-smooth region of the image or video data into texture blocks and edge blocks (16). The image or video data is then adjusted by applying different strength of watermark in association with the type of each block



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 479/KOL-NP/2003 A

(22) Date of filing of : 17/04/2003  
application

(54) Title of the Invention : "METHOD FOR CONTROLLING THE CHARGING AND DISCHARGING PHASES OF A BACKUP CAPACITOR."

(51) International classification : G06K  
19/073

(30) Priority Data :

(31) Document No. 100 54 970.5

(32) Date : 06/11/2000

(33) Name of convention country : DE

(66) Filed U/s 3(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

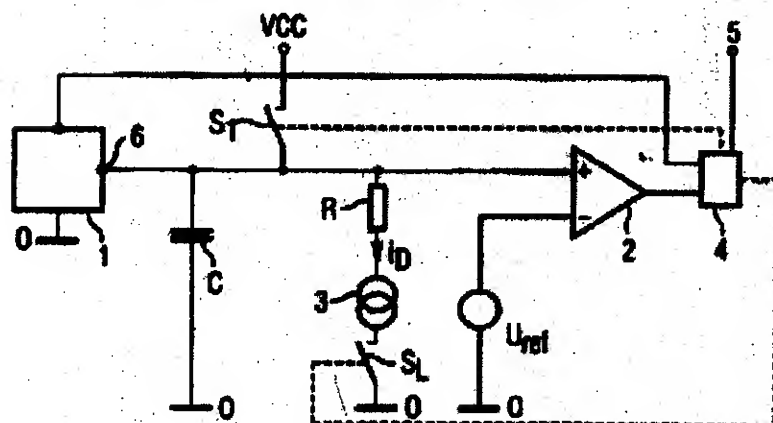
(64) Filed on : NA

(71) Name of the Applicant : INFINEON  
TECHNOLOGIES AG., GERMANY ST. -  
MARTIN-STRASSE 53, 81669 MUNCHEN,  
A GERMAN COMPANY.

(72) Name of the Inventors :

1. TSCHETERNIGG, SIEGFRIED,  
2. WEDEL, ARMIN.

(57) Abstract : The invention relates to a method for controlling the charging and discharging phases of a backup capacitor (C) for a data storage medium where the backup capacitor (C) is first discharged to a defined voltage level before it is charged. The capacitor is discharged using a constant current ( $i_D$ ). This ensures that the charging current for the backup capacitor (C) cannot be used to identify what the charge state of the capacitor (C) was before discharging. This means that it is no longer possible to infer the currents which flowed during security-related arithmetic operations in a data processing unit (1). In one advantageous circuit arrangement, a constant current source (3) is formed by a current-mirror circuit, and a comparator (2) is used to compare the voltage on the backup capacitor (C) with a bandgap reference.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

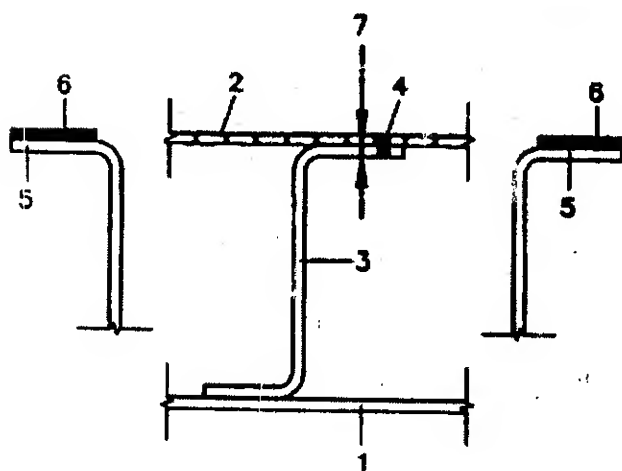
(21) Application No. 480/KOL-NP/2003 A

(22) Date of filing of : 17/04/2003  
application

(54) Title of the Invention : "ELECTROLYTIC CELLS WITH RENEWABLE ELECTRODE STRUCTURES AND METHOD FOR SUBSTITUTING THE SAME"

<p>(51) International classification : C25B 11/03  (30) Priority Data :  (31) Document No. MI2000A002362  (32) Date : 31/10/2000  (33) Name of convention country : IT  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DE NORA ELETTRODI S.P.A., OF VIA DEI CANZI 1 I-20134 MILAN, ITALY.   (72) Name of the Inventors :  1. OLDANI, DARIO,  2. PASQUINUCCI, ANTONIO,  3. SCAPINI, GIOVANNI.</p>
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(57) Abstract : The invention is relative to an electrolytic cell comprising electrodes spaced apart from the back-wall by means of ribs, wherein a portion of the contact surface between the electrodes and the ribs is free from constraints in order to permit the complete removal of the electrodes once they have to be replaced by removing only partially the original contact surface, so that positioning of the substitute electrodes is allowed on the residual portion. A method for substituting the electrodes of the cell which leaves the distance between the electrode surface and the back-wall unvaried is also disclosed.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 482/KOL-NP/2003 A

(22) Date of filing of : 21/04/2003  
application

(54) Title of the Invention : "CYLINDRICAL TUBE FOR INDUSTRIAL CHEMICAL INSTALLATIONS"

(51) International classification : C22C  
38/44, 38/58

(30) Priority Data :

(31) Document No. 0004336-4

(32) Date : 24/11/2000

(33) Name of convention country : SWEDEN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

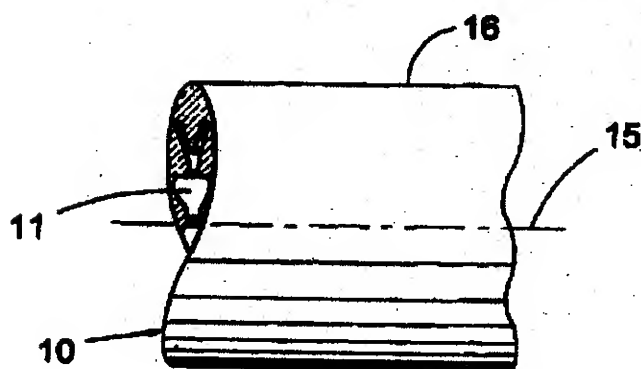
(71) Name of the Applicant : SANDVIK  
AKTIEBOLAG, S-811 81 SANDVIKEN,  
SWEDEN.

(72) Name of the Inventors :

1. MATINLASSI, ULF,
2. LUNDBERG, MATS,
3. OHNGREN, CLAES,
4. ODELSTAM, THOMAS.

(57) Abstract :

The invention provides a tube for use in furnaces where gas and liquid media are being passed through the tube from one end to the other while being subjected to substantial heating and decomposition resulting therefrom. The cylindrical tube is made of a stainless iron-nickel-chromium-base alloy comprising in weight-% max 0.08 % C, 23-27 % Cr, 33-37 % Ni, 1.3-1.8 % Mn, 1.2-2 % Si, 0.08-0.25 % N, 0.01-0.15 % rare earth metals, and Fe and usual impurities. The cylindrical tube has a smooth outer surface and an inner surface provided with valleys or recesses extending longitudinally with a smoothly curved bottom profile.





Publication After 18 months.

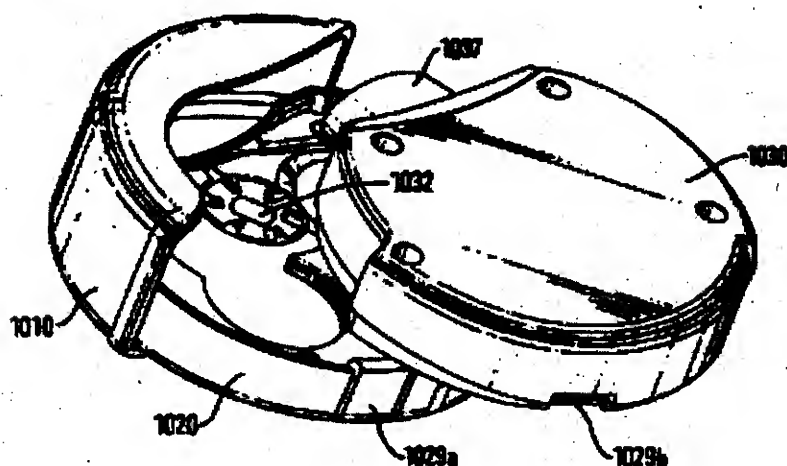
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 485/KOL-NP/2003 A (22) Date of filing of : 21/04/2003 application
- (54) Title of the Invention : "MEDICAMENT DISPENSER"

<p>(51) International classification : A61M 15/00, B65D 83/04</p> <p>(30) Priority Data :</p> <p>(31) Document No. 0026647.8</p> <p>(32) Date : 31/10/2000</p> <p>(33) Name of convention country : GB</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : GLAXO GROUP LIMITED, OF GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX UB6 0NN GREAT BRITAIN.</p> <p>(72) Name of the Inventors :  1. ANDERSON, GREGOR JOHN MCLENNAN,  2. FARR, PHILIO WILLIAM,  3. RAND, PAUL KENNETH,  4. HARVEY, STEPHEN JAMES,</p>
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**(57) Abstract :**

There is provided a medicament dispenser for dispensing medicament comprising: a body; a holder, shaped to fit within the body and movable relative to the body; and receivable by said holder, a cassette containing a medicament carrier, wherein movement of the holder relative to the body results in movement of the cassette between a first position and a second position such that the cassette is reversibly removable from the holder when the cassette is in the second position.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 486/KOL-NP/2003 A

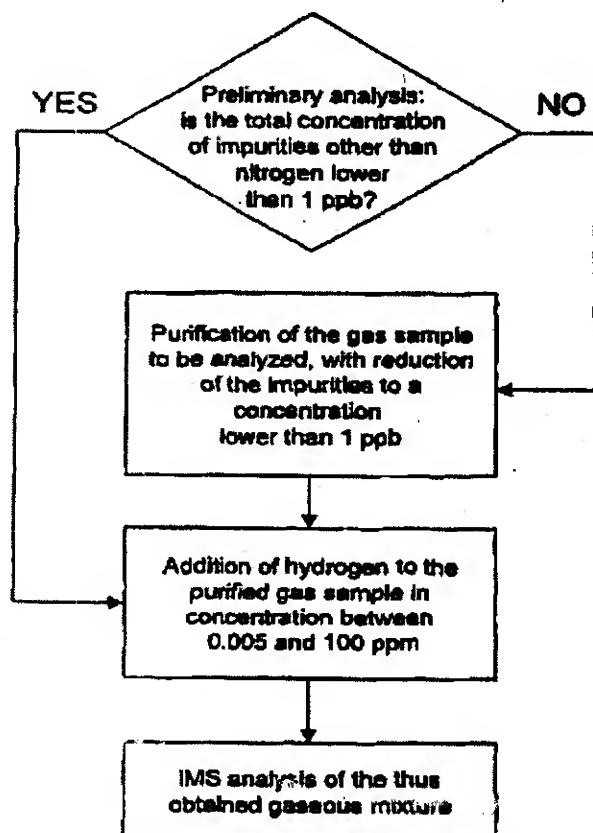
(22) Date of filing of : 21/04/2003  
application

(54) Title of the Invention : "A METHOD FOR MEASURING THE CONCENTRATION OF NITROGEN IN ARGON BY MEANS OF ION MOBILITY SPECTROMETRY"

<p>(51) International classification : G01N 27/64 (30) Priority Data : (31) Document No. MI2000A002479 (32) Date : 17/11/2000 (33) Name of convention country : ITALY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SAES GETTERS S.P.A., OF VIALE ITALIA, 77, I-20020 LAINATE, ITALY.  (72) Name of the Inventors : 1. PUSTERLA, LUCA, 2. STIMAC ROBERT, 3. BONUCCI, ANTONIO, 4. SUCCI, MARCO.</p>
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(57) Abstract :

A method for carrying out nitrogen analysis by ionization mobility spectroscopy, at concentrations of few parts per billion (ppb) in argon is described. The method involves the addition of hydrogen in concentration of at least 5 ppb and lower than 100 parts per million (ppm) to the argon to be analysed; the hydrogen addition step is possibly preceded by a purification operation of the argon flow, so as to reduce the total concentration of impurities other than nitrogen under 1 ppb.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 489/KOL-NP/2003 A

(22) Date of filing of : 21/04/2003  
application

(54) Title of the Invention : "LOW-VOLTAGE POWER BREAKER HAVING A RATED-CURRENT PLUG CONNECTOR"

(51) International classification : H01H 71/12

(30) Priority Data :

(31) Document No. 100 54 436.3

(32) Date : 26/10/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

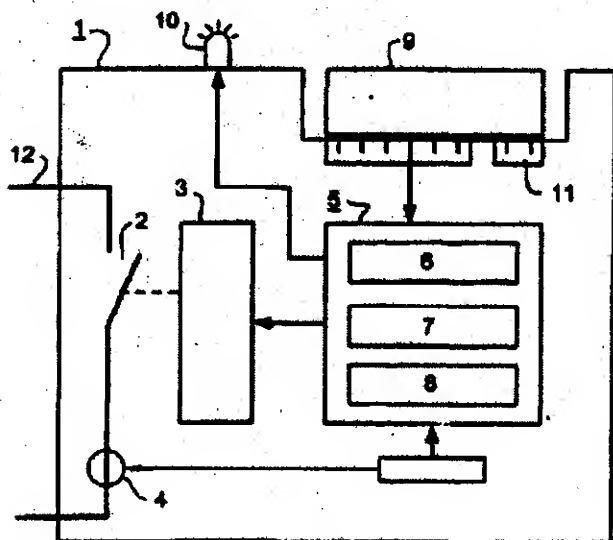
(71) Name of the Applicant : SIEMENS  
AKTIENGESELLSCHAFT, OF  
WITTELSBACHERPLATZ 2, 80333  
MUNICH, GERMANY.

(72) Name of the Inventors :

1. HOCHGRAEF, HOLGER,  
2. MIZENER, JEFFERY-C.

(57) Abstract :

A rating plug may conventionally be provided with an electrical coding such that unsuitable identification of the rating plug is not transmitted to the trigger unit, but rather the attempt to make use of such a rating plug leads to a signal. According to the invention, the signalling unit may be arranged on the housing of the low-voltage power breaker (1), or on the trigger unit (5). Thus, in addition to the conventional solution, the states wrong rating plug, wrong contact connection and defective rating plug may be recorded



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 490/KOL-NP/2003 A

(22) Date of filing of : 21/04/2003  
application

(54) Title of the Invention : "DEVICE AND METHOD FOR PRODUCING COLUMNS OF MATERIALS IN THE GROUND OF BODIES OF WATER"

(51) International classification : E02D 15/06, 5/46, 27/52, E21B 33/14, 33/05

(30) Priority Data :

(31) Document No. 100 53 437.9

(32) Date : 27/10/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant :  
VIBROFLOTATION B.V.,  
NETHERLANDS, AMSTELDIJK 166, 6<sup>TH</sup>  
FLOOR, NL-1079 LH AMSTERDAM,  
NETHERLANDS COMPANY.

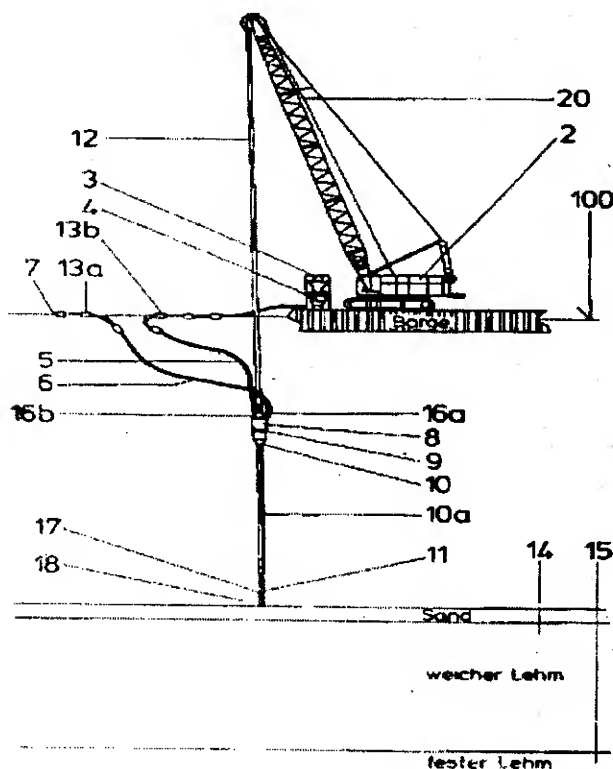
(72) Name of the Inventors :

1. DEGEN, ALEXANDER,

2. DEGEN, WILHELM.

(57) Abstract :

The invention relates to a device for producing columns of materials in the ground, especially in the ground of bodies of water, comprising the following: a first tank (8) of material and a second tank (10) of material connected to the first tank; a deep vibrator element (11) connected to the second tank of material (10), a first supply line (5) connected to the first tank of material (8) and used to supply material; a second supply line (6) connected to the first tank (8) of material and used to compensate pressure in the first tank (8) of material. The invention also relates to the production of a column of material in the ground.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 491/KOL-NP/2003 A

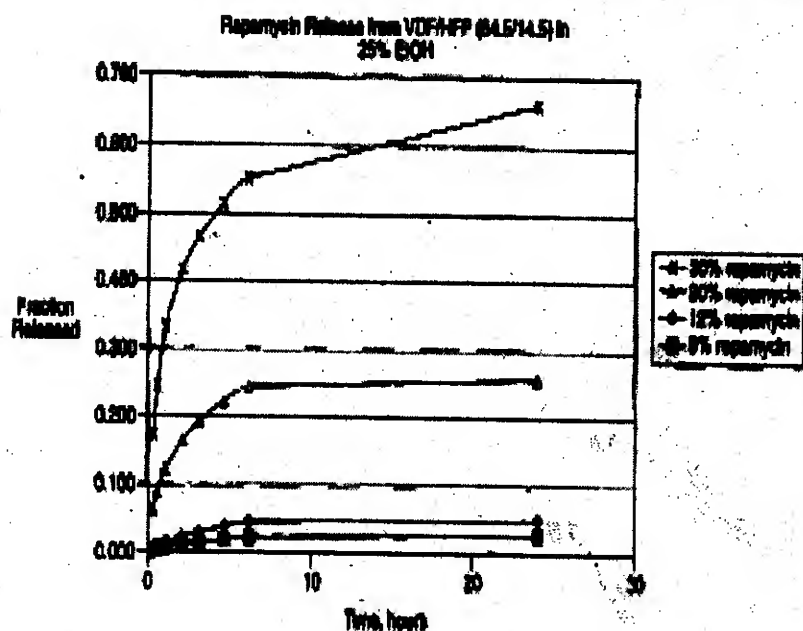
(22) Date of filing of : 21/04/2003  
application

(54) Title of the Invention : "COATINGS FOR MEDICAL DEVICES"

<p>(51) International classification : A61L 31/10</p> <p>(30) Priority Data:</p> <p>(31) Document No. 09/675, 882 &amp; 09/962, 292</p> <p>(32) Date: 29/09/2000 &amp; 25/09/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : ETHICON, INC., OF U S ROUTE 22, SOMERVILLE, NJ 08876 UNITED STATES OF AMERICA.</p> <p>(72) Name of the Inventors:</p> <ol style="list-style-type: none"> <li>1. LLANOS, GERARD, H.,</li> <li>2. NARAYANAN, PALLASSANA,</li> <li>3. ROLLER, MARK, B.,</li> <li>4. SCOPELIANOS, ANGELO.</li> </ol>
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**(57) Abstract :**

The present invention includes biocompatible coatings and films for use on implantable medical devices and medical devices containing such coatings and films applied to a surface thereof, which coatings/films are present on the device in an amount effective to provide an inert surface to be in contact with body tissue of a mammal upon implantation of the device in the mammal, and contain a film-forming polyfluoro copolymer containing the polymerized residue of a moiety selected from the group consisting of vinylidene fluoride and tetrafluoroethylene copolymerized with a second moiety other than the first moiety, wherein the relative amounts of the polymerized residue of the first and second moieties are effective to provide the coating and films with properties effective for use in coating implantable med devices.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 493/KOL-NP/2003 A

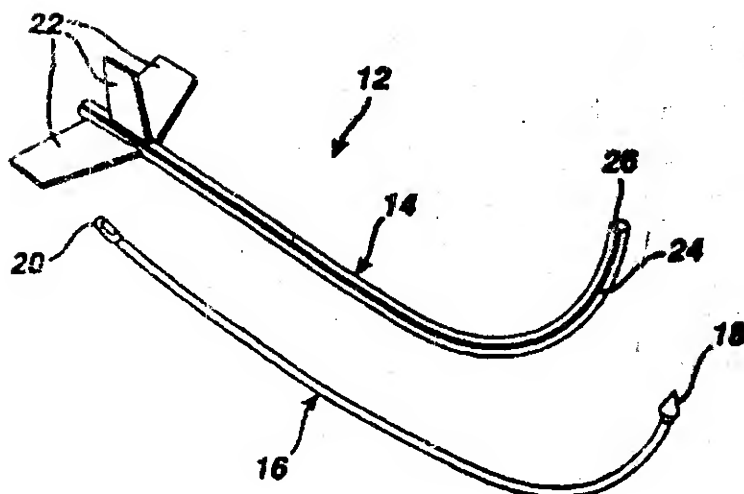
(22) Date of filing of : 21/04/2003  
application

(54) Title of the Invention : "APPARATUS AND METHOD FOR TREATING FEMALE URINARY INCONTINENCE"

<p>(51) International classification : A61B 17/06  (30) Priority Data :  (31) Document No. 09/691, 359  (32) Date : 18/10/2000  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ETHICON, INC., OF U S ROUTE 22, SOMERVILLE, NJ 08876 UNITED STATES OF AMERICA.  (72) Name of the Inventors :  1. LEHE JORN,  2. KAMMERER GENE W.,</p>
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(57) Abstract :

A surgical instrument (12) for introducing a support strand into the body to treat female urinary incontinence has an elongated, curved shaft (14) with a distal end insertable into the body. The shaft has a lumen (26) therein extending at least a portion of the length of the shaft (14) through which the support strand may pass in an axial direction. The shaft has a slot (24) on an exterior surface thereof communicating with the lumen (26) allowing the support strand to be laterally passed between the positionable on the distal end of the shaft (14) for facilitating the insertion of the shaft (14) through the body and is connectable at one end to the support strand. The pointed element may either be swaged directly to the strand or be in the form of an elongated needle (16) with an eye (20) to which the strand is removably attached. In an associated method, the shaft (14) sequentially delivers the pointed element (18) through the body twice, forming a loop around the urethra to relieve incontinence. The slot (24) in the shaft (14) permits the instrument (12) to be dissociated from the strand without disturbing the loop.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 498/KOL-NP/2003 A

(22) Date of filing of : 22/04/2003  
application

(54) Title of the Invention : "REFINED OIL AND MANUFACTURING METHOD THEREOF"

(51) International classification : C10G  
45/06, 45/08, 49/04, 49/06, 7/06

(30) Priority Data :

(31) Document No. 2000-323614

(32) Date : 24/10/2000

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : JGC  
CORPORATION, OF 2-1, OTEMACHI 2-  
CHOME, CHIYODA-KU, TOKYO, JAPAN.

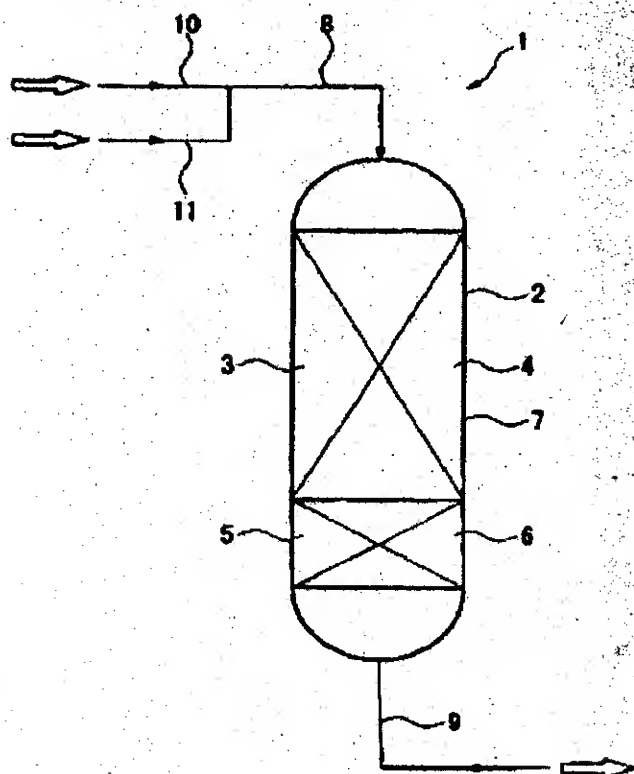
(72) Name of the Inventors :

1. NAGAMATSU SHIGEKI,

2. INOMATA MAKOTO,

3. KASAHARA SUSUMU.

(57) Abstract : According to the method of manufacturing refined oil of the present invention, refined oil which has viscosity of 20cst or lower at 135°C, a pour point of 30°C or lower, an alkali metal content of 1 wt ppm or less, a vanadium content of 10 wt ppm or less and a sulphur content of 0.3 wt% or lower can be prepared, by bringing feed oil into contact with hydrogen in the presence of the demetalizing/desulfurizing catalyst 3 and the hydrogenolysis catalyst 5. This method can decrease the viscosity, pour point and sulfur concentration of the refined oil to sufficiently low levels, and decreases the production cost.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

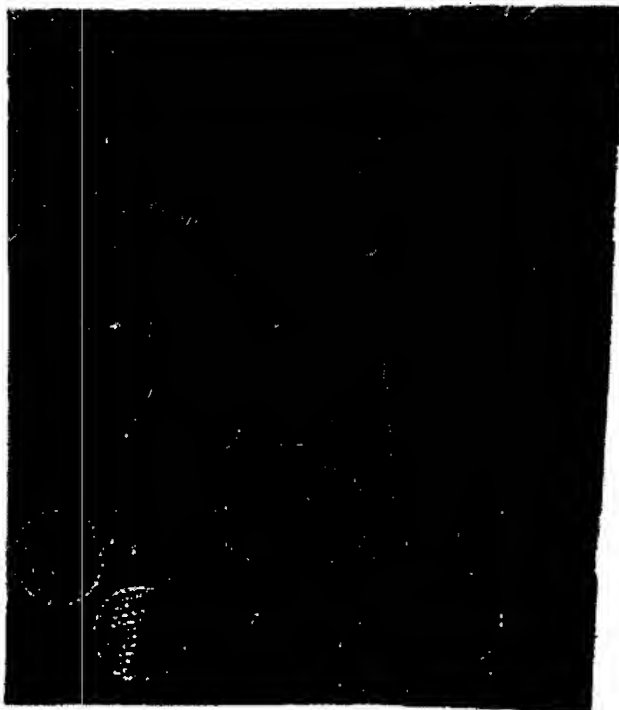
- (21) Application No. 501/KOL-NP/2003 A (22) Date of filing of : 22/04/2003  
application  
(54) Title of the Invention : "HIGH TEMPERATURE GLASS FIBERS"

(51) International classification : C03C 13/00 (30) Priority Data : (31) Document No09/703, 234 (32) Date : 31/10/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : OWENS CORNING, OF ONE OWENS CORNING PARKWAY, TOLEDO, OH 43659 U.S.A.  (72) Name of the Inventors : MCGINNIS, PETER, B.,
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(57) Abstract :

High temperature glass fibers suitable for use as textile and reinforcements are specifically adapted to be used in high temperature applications such as sound absorbing material in engine exhaust mufflers. The glass fibers have compositions of up to 72 Mole % SiO<sub>2</sub>, 20 mole percent Al<sub>2</sub>O<sub>3</sub>, 22 mole percent alkaline earth oxides and may include small amounts of alkali oxides and ZrO<sub>2</sub>.

S-Glass Heat-Treated at 903°C for 8 Hours



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.** 502/KOL-NP/2003 A (22) **Date of filing of** : 22/04/2003  
application

(54) **Title of the Invention** : "PROCESS FOR SELECTIVE HYDROGENATION OF AN OLEFINIC FEED STREAM CONTAINING ACETYLENIC AND DIOLEFINIC IMPURITIES"

(51) <b>International classification</b> : C07C 7/163	(71) <b>Name of the Applicant</b> : SUB CHEMIE INC, P.O. BOX 32370, 1600 W. HILL STREET, LOUISVILLE, KY 40160, U.S.A.
(30) <b>Priority Data</b> :	
(31) <b>Document No.</b> 09/691, 542	
(32) <b>Date</b> : 18/10/2000	
(33) <b>Name of convention country</b> : U.S.A.	(72) <b>Name of the Inventors</b> :
(66) <b>Filed U/s 5(2)</b> : NIL	1. VOIGHT RICHARD W.,
(61) <b>Patent of addition to application No.</b> NA	2. BLANKENSHIP STEVEN.
(62) <b>Filed on</b> : NA	
(63) <b>Divisional to Application No.</b> : NIL	
(64) <b>Filed on</b> : NA	

(57) **Abstract** : A process for selective hydrogenation of a C<sub>2</sub> and C<sub>3</sub> olefinic feed stream containing acetylenic and diolefinic impurities whereby the acetylenes and diolefins impurities are selectively hydrogenated concurrently in a vapour phase process without first separating the C<sub>2</sub> and C<sub>3</sub> olefinic gases into separate feed stream.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 503/KOL-NP/2003 A (22) Date of filing of : 22/04/2003 application  
(54) Title of the Invention : "OBJECT WITH A METAL LAYER, MANUFACTURING PROCESS APPLICATIONS AND ASSOCIATED POLYMERIC SYSTEMS"

(51) International classification : C03C 17/38, 17/00 (30) Priority Data : (31) Document No. 00/14701 (32) Date : 15/11/2000 (33) Name of convention country : FR (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : SAINT-GOBAIN GLASS FRANCE, OF 18, AVENUE D' ALSACE, F-92400 COURBEVOIE, FRANCE.  (72) Name of the Inventors : 1. DEMARS, YVES, 2. ROGIER, CHRISTOPHE, 3. NATALI, MARCO,
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(57) Abstract : The invention relates to an object comprising a glass substrate and a silver coating in combination with a compound comprising at least one -SH radical which can be trimethylolpropane tris(3-mercaptopropionate). A palladium layer can intervene between the substrate and the silver coating. The compound comprising at least one -SH radical protects the silver coating from corrosion and improves the adhesion of an optional external coat of paint, in particular of alkyd type.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application No. 505/KOL-NP/2003 A

(22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "PILOT OIL IGNITION TYPE GAS ENGINE AND PILOT OIL IGNITION TYPE GAS ENGINE OPERATING METHOD"

(51) International classification : F02D 19/10

(30) Priority Data :

(31) Document No. 2001-259847

(32) Date : 29/08/2001

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

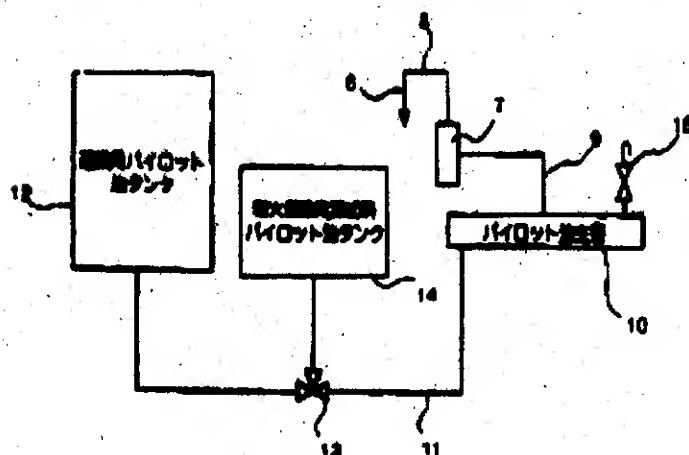
(71) Name of the Applicant : NIGATA  
POWER SYSTEMS CO. LTD., OF 9-7,  
YAESU 2-CHOME, CHUO-KU, TOKYO,  
JAPAN.

(72) Name of the Inventors :

1. GOTO SATORU,

2. NISHI YOSHIFUMI..

(57) Abstract : The gas engine of the present invention has a pilot oil fuel valve, a pilot oil pump, and first and second pipes connected to a pilot oil main pipe, for each of a plurality of combustion chambers. An operating pilot oil tank and an ignition stimulant-added pilot oil tank are connected via a switching valve to a third pipe, connected to an end of the pilot oil main pipe. Before operating stops, the pilot oil is discharged by opening an exhaust valve, and thereafter, the switching valve is switched and pilot oil which the ignition stimulant has been added to. Therefore, at the time of the next activation, pilot oil which the ignition stimulant has been added to is sprayed from the fuel valve, and, as a result, misfire at the time of activation is reduced, and a highly reliable engine is obtained.



10. PILOT OIL MAIN PIPE

12. PILOT OIL TANK FOR OPERATION

14. IGNITION ACCELERATOR ADDED-PILOT OIL TANK

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 506/KOL-NP/2003 A

(22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "A DEVICE FOR GRIPPING A PIPE OR BAR"

<p>(51) International classification : F16L 37/092, 37/22, 37/23 (30) Priority Data : (31) Document No. 0024278.4 (32) Date : 04/10/2000 (33) Name of convention country : GB (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : BSW LIMITED, OF ENGINEERING BUILDING, LANCASTER UNIVERSITY, BAILRIGG, LANCASTER, LA1 4YR, UNITED KINGDOM.  (72) Name of the Inventors : 1. WALMSLEY OWEN, 2. EMMETT ROBERT.</p>
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(57) Abstract :

A device for gripping the external wall surface of a pipe or bar without deforming or damaging the surface thereof, comprising a tubular body (1, 2) having at least one end open for insertion of a pipe or bar in a direction (17), a ball cage (8, 9) co-operating with a tapered internal wall part (11) and spring-loaded by a spring (10) and spring retaining member (3). A circumferentially split ferrule (4) has an outwardly tapered surface co-operating with the spring-retaining member (3). A metal ring (5), an anti-extrusion ring (6) and an 'O' ring seal (7) are slidably located within the body. The ball cage (8, 9) loosely retains a pipe or bar within the device, but when fluid pressure within the body (1, 2) increases the 'O' ring (7) is forced against rings (5, 6) thus in turn causing the split ferrule (4) to be compressed to grip the pipe or bar around its circumference thus to prevent it from being removed from the body (1, 2).

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 507/KOL-NP/2003 A (22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "ENGINE, ENGINE EXHAUST TEMPERATURE CONTROLLING APPARATUS, AND CONTROLLING METHOD"

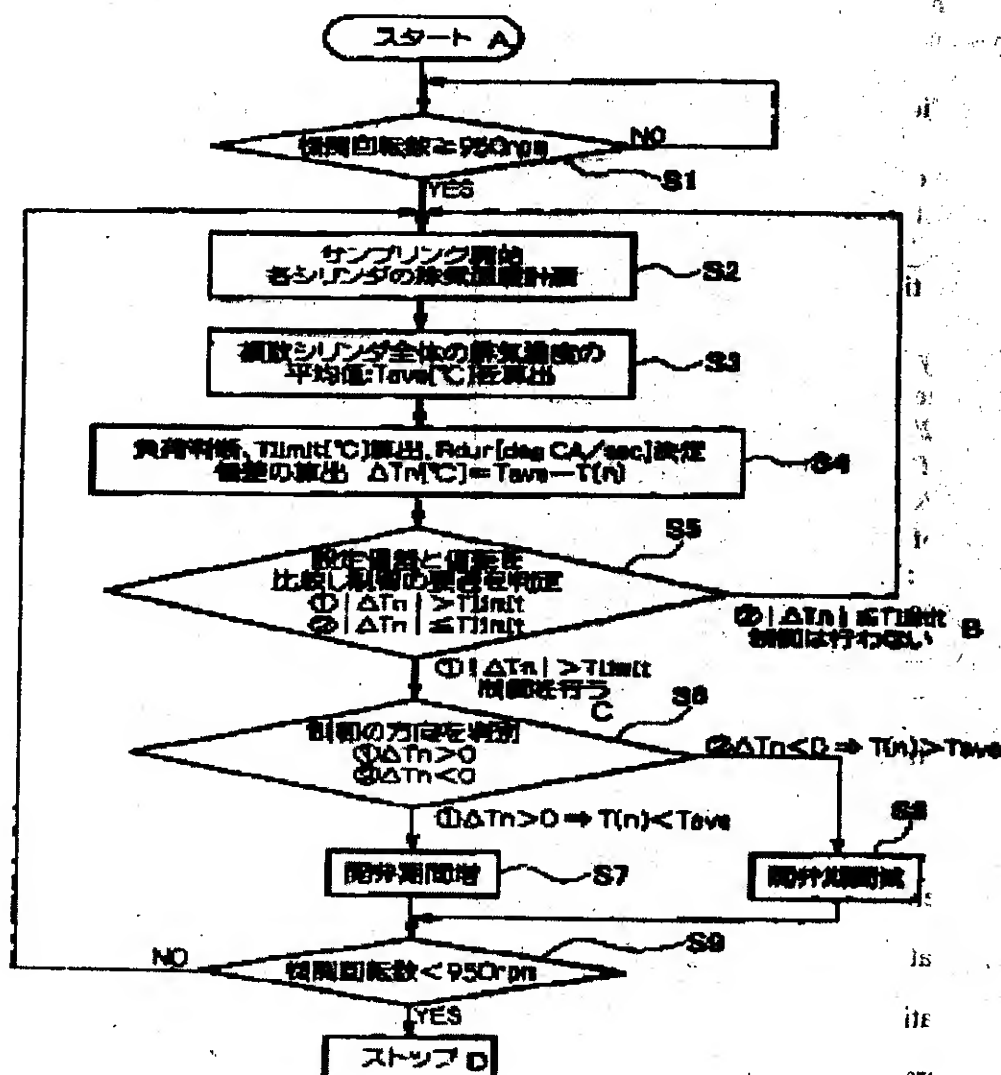
<p>(51) International classification : F02D 19/02, 41/04, 45/00 (30) Priority Data : (31) Document No. 2001-259848 (32) Date : 29/08/2001 (33) Name of convention country : JAPAN (66) Filed U/s (2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : NIIGATA POWER SYSTEMS CO. LTD., OF 9-7, YAESU 2-CHOME, CHUO-KU, TOKYO, JAPAN. (72) Name of the Inventors : 1. ONO YOSHIIHARU, 2. GOTO SATORU, 3. NISHI YOSHIFUMI, 4. NAKAYAMA SABAO.</p>
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## (57) Abstract :

The present invention has been realized in order to keep the cylinder exhaust temperature of a gas engine within a predetermined range, and thereby prevent the generation of misfire and knocking. In the present invention, in S1, when the number of rotations of the engine is greater than a predetermined number, in S2, the exhaust temperatures of the cylinders are sampled at predetermined intervals, in S3, an average of the exhaust temperatures is calculated, in S4, the load factor at that point is determined, in S5, the average exhaust temperature  $T_{ave}$  is compared with the exhaust temperature  $T_n$  of each cylinder, and it is determined whether the deviation  $\Delta T_n$  is greater or smaller than the set deviation  $T_{limit}$  for that load factor. When the deviation  $\Delta T_n$  is smaller, the exhaust temperature is within the set deviation and there is no need to adjust the fuel spray period, and therefore the sequence returns to S2. When the deviation  $\Delta T_n$  is greater, in S6, it is determined whether to increase or reduce the opening period of the electronic fuel spray valve. When increasing the opening period, the sequence shifts to S7, and when reducing the opening period, the sequence shifts to S8. Then, in S9, if the engine exceeds the predetermined number of rotations, the processes of S2 to S6 are repeated; in S9, if the engine is below the predetermined number of rotations, the control operation ceases.



507/KOL-NP/2003/A



A...START

S1...ENGINE REVOLUTION SPEED≧950 RPM

S2...START SAMPLING

MEASURE EXHAUST TEMPERATURE AT EACH CYLINDER

S3...CALCULATE AVERAGE:  $T_{avg}$  [°C] OF EXHAUST

TEMPERATURES OF ALL CYLINDERS

S4...JUDGE LOAD, CALCULATE  $T_{limit}$  [°C], DETERMINE $R_{dur}$  [deg CA/sec], CALCULATE DEVIATION  $\Delta T_n$  [°C] =  $T_{avg} - T(n)$ S5...COMPARE SET DEVIATION AND DEVIATION TO JUDGE  
WHETHER CONTROL IS REQUIRED OR NOT

B...CONTROL IS NOT PERFORMED

C...CONTROL IS PERFORMED

S6...JUDGE CONTROLLING DIRECTION

S7...INCREASE VALVE OPENING PERIOD

S8...DECREASE VALVE OPENING PERIOD

S9...ENGINE REVOLUTION SPEED 950 RPM

D...STOP



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 508/KOL-NP/2003 A

(22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "APPARATUS AND METHOD FOR THE MEASUREMENT AND ASSESSMENT OF SLING-TENSION FOR TREATMENT OF FEMALE URINARY INCONTINENCE"

(51) International classification : A61F 2/02

(30) Priority Data :

(31) Document No. 60/242, 534 & 10/045, 245

(32) Date : 23/20/2000 & 23/10/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

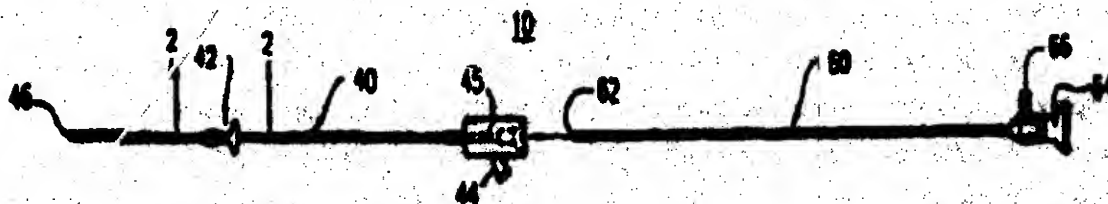
(71) Name of the Applicant : ETHICON, INC., OF U.S. ROUTE-22, SOMERVILLE, NEW JERSEY 08876 U.S.A.

(72) Name of the Inventors :

1. MILLER, GARY, H.,

2. TRACEY, MICHAEL.

(57) Abstract :



A urinary apparatus (10) includes a catheter system (40) for pressurizing either a bladder cavity (14) or a urethral canal (14) within a female urinary system (12) and an endoscope device (60) for observing a urethral sphincter muscle (16) within the female urinary system (12) for assessing the sling tension of an implant support adapted to restore female urinary continence.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 509/KOL-NP/2003 A

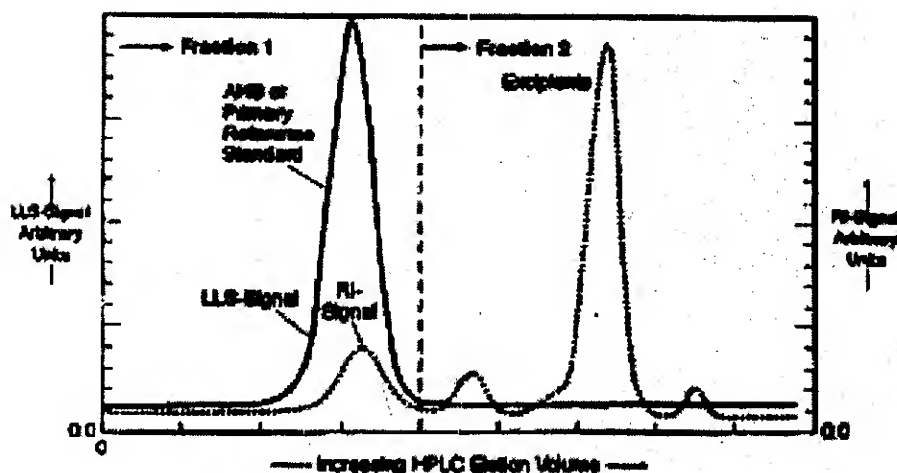
(22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "METHOD FOR PRODUCING PURIFIED HEMATINIC IRON SACCHARIDIC COMPLEX AND PRODUCT PRODUCED"

<p>(51) International classification : G01N 1/18</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/245, 269</p> <p>(32) Date : 02/11/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : <b>CHROMACEUTICAL ADVANCED TECHNOLOGIES, 7 AVENUE D HOPKINTON, MA 01748 U.S.A.</b></p> <p>(72) Name of the Inventors : 1. BECK, ROBERT, A., 2. MAYTEER, ROBERT A.</p>
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(57) Abstract :

A method for separating and purifying the active hematinic species present in iron-saccharidic complexes comprising sodium ferric gluconate complex in sucrose, ferric hydroxide-sucrose complex and ferric saccharate complex and others of similar form and function, based on separation of the iron-saccharidic complex from one or more excipients and, preferably, lyophilization. Separation of the iron-saccharidic complex permits its analytical quantification; further concentration or purification as a new and useful product; preparation of redesigned formulations for new and useful pharmaceuticals; and/or lyophilization. The ability to separate the iron-saccharidic complex responsible for hematinic function, including its lyophilized form, also provides a means for preparing analytical material to verify and validate its pharmacological integrity, patient safety and clinical performance, as well as analytical monitoring, standardization and quality control inspection over hematinic manufacturing processes and establishment of standards for use therewith.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 510/KOL-NP/2003 A

(22) Date of filing of application: 23/04/2003

(54) Title of the Invention : "BLACK DYE MIXTURES OF FIBER REACTIVE AZO DYES AND THEIR USE FOR DYEING HYDROXYL AND/OR CARBOXAMIDO-CONTAINING FIBER MATERIAL"

(51) International classification : C09B 67/22

(30) Priority Data :

(31) Document No. 100 64 496.1

(32) Date : 22/12/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : BYSTAR  
TEXTILFARBEN GMBH & CO  
DEUTSCHLAND KG., ESCHENHEIMER  
TOR 2, 60318 FRANKFURT AM MAIN,  
GERMANY.

(72) Name of the Inventors :  
DANNHEIM JORG

(57) Abstract : Described are mixtures of fiber-reactive azo dyes whereby black dyeings, including prints, are obtained on hydroxyl- and /or carboxamido-containing fiber materials, such as cellulose fiber materials, wool and synthetic polyamide fibers. The dye mixtures comprise one or more disazo dyes conforming to the general formula (1), one or more monoazo dyes conforming to the general formula (3), one or more monoazo dyes of the general formula (4) and/or (4a), optionally one or more monoazo dyes (2) and optionally one or more monoazo dyes conforming to the general formula (3a), as described in claim 1.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 511/KOL-NP/2003 A

(22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "BLACK DYE MIXTURES OF FIBER-REACTIVE AZO DYES, METHODS FOR THEIR PREPARATION AND USE THEREOF FOR DYEING HYDROXY- AND /OR CARBOXAMIDO-CONTAINING FIBER MATERIAL"

(51) International classification : C09B 67/22, D06P 1/38	(71) Name of the Applicant : DYSTER TEXTILFARBEN GMBH & CO DEUTSCHLAND KG., ESCHENHEIMER TOR 2, 60318 FRANKFURT AM MAIN, GERMANY.
(30) Priority Data :	
(31) Document No. 60/259, 193	
(32) Date : 29/12/2000	
(33) Name of convention country : U.S.A.	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. PEDEMONTE RONALD,
(62) Filed on :NA	2. RUSS WARNER,
(63) Divisional to Application No. :NIL	3. STECKELBERG JOACHIM.
(64) Filed on :NA	

(57) Abstract :

The present invention relates to the field of fiber-reactive dyes. Black dyeing mixtures of fiber-reactive dyes are known from U.S. Patents Nos 5,445,654 and 5,611,821 as well as from Korean Patent Application Publication No 94-2560. Deep black dye mixtures are known, for example, from Japanese Patent Application Publication Sho-58-160 362 which are based on a navy-blue disazo dye and an orange monoazo dye. However these dye mixtures have some deficiencies. With the present invention, deep black-dyeing dye mixtures of improved properties, for example wash fastnesses have unexpectedly been found, comprising a disazo dye conforming to the general formula (1), and one or more disazo dyes conforming to the general formula (2).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 512/KOL-NP/2003 A

(22) Date of filing of : 23/04/2003

(54) Title of the Invention : "FERRITE CORES WITH A NEW SHAPE"

application

(51) International classification : H01F 27/255, 17/04

(30) Priority Data :

(31) Document No. 100 56 945.5

(32) Date : 17/11/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

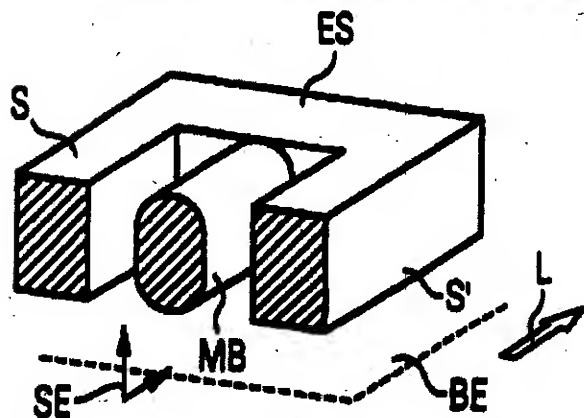
(71) Name of the Applicant : EPCOS AG.,  
OF ST.-MARTIN-STRASSE 53 81669  
MUNCHEN, GERMANY.

(72) Name of the Inventors :

1. MEUCHE, HELKO,

2. ESGUERRA, MAURICIO,

(57) Abstract : An improved ferrite core, which is particularly suitable for transformers, is proposed, which proposes with respect to shapes derived from E-cores to create the middle bleb with an oval cross-section, whereby the longitudinal axis of the middle bleb is oriented parallel to the attachment plane and the longest axis of the oval cross-section resides vertically to this attachment plane. The core is symmetrically structured with respect to the mirror plane, which contains the longitudinal axis and which resides vertically to the attachment plane, and is particularly low in distortion.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

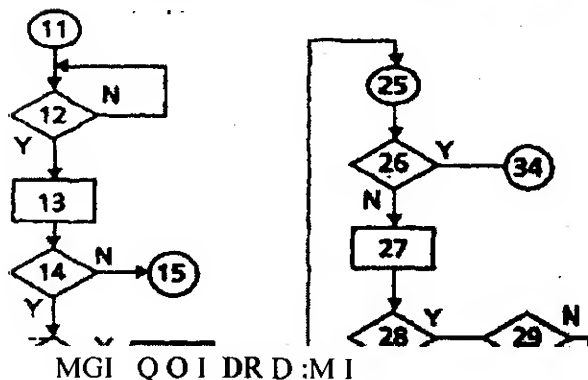
(21) Application No. 513/KOL-NP/2003 A

(22) Date of filing of : 23/04/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR DETERMINING MAIN PARAMETER VALUES OF A STORAGE MEDIUM THAT ARE REQUIRED FOR REPLAYING SAID STORAGE MEDIUM"

<p>(51) International classification : G11B 19/12, 7/00 (30) Priority Data : (31) Document No. 00250383.7 (32) Date : 17/11/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant.: THOMSON LICENSING S.A., OF 46 QUAI A. LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE.  (72) Name of the Inventors : WINTER, MARCO</p>
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(57) Abstract : A PVD disc contains a lead-in area that contains sync sectors, control data including the number of recording surfaces, disc keys and other information, and contains a Data Area occupying the main part of the available disc surface or surfaces. In order to handle the content of the disc it is necessary to know the control data and disc keys. According to the invention, the data content of the Data Area is used to determine the necessary control data, without reading information from the a lead-in area.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 514/KOL-NP/2003 A

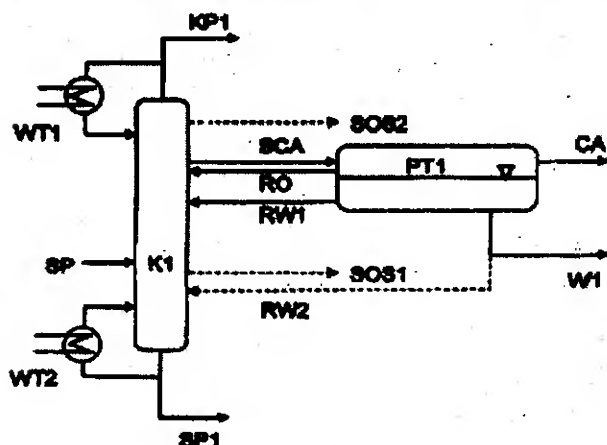
(22) Date of filing of : 23/04/2002  
application

(54) Title of the Invention : "PROCESS AND APPARATUS FOR THE WORK-UP BY DISTILLATION OF CLEAVAGE PRODUCT MIXTURES PRODUCED IN THE CLEAVAGE OF ALKYLARYL HYDROPEROXIDES"

<p>(51) International classification : C07C 37/74</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 60 503.6</p> <p>(32) Date : 06/12/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : INEOS PHENOL GMBH &amp; CO. KG., GERMANY DECHENSTRASSE 3, 45966 GLADBECK, A GERMAN COMPANY.</p> <p>(72) Name of the Inventors : 1. KORTGE, HERMANNO JOSEF, 2. SCHWARZ, CHRISTOPH, 3. TANGER, UWE, 4. ULLRIACH, JOCHEN, 5. WEBER, MANFRED.</p>
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**(57) Abstract :**

The present invention claims a process and an apparatus for the work-up by distillation of cleavage product mixtures produced in the cleavage of alkylaryl hydroperoxides. Usually, in the work-up by distillation of cleavage product mixtures which are produced in the cleavage of alkylaryl hydroperoxides, the cleavage product mixture is divided into three main fractions, for which at least two distillation columns are used. The use of two distillation columns has the disadvantage that the capital costs, and also the energy costs, in these conventional processes are relatively high. By means of the inventive process for the work-up by distillation of cleavage product mixtures, the equipment requirements and the energy consumption can be markedly reduced in comparison with customary plants, since the cleavage product mixture can be resolved into the three main fractions in only one apparatus. The inventive process can be used for the work-up by distillation of cleavage product mixtures produced in the cleavage of alkylaryl hydroperoxides, in particular in the cleavage of cumene hydroperoxide. By using the inventive process it is possible to separate off phenol and acetone from a cleavage product mixture that was obtained in the cleavage of cumene hydroperoxide.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 515/KOL-NP/2003 A

(22) Date of filing of : 24/04/2003  
application

(54) Title of the Invention : "GEL FOR ELECTROPHORESIS

<p>(51) International classification : G01N 27/447</p> <p>(30) Priority Data :</p> <p>(31) Document No. 139446 &amp; 139447</p> <p>(32) Date : 02/11/2000</p> <p>(33) Name of convention country : ISRAEL</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : GENE BIO-APPLICATION LTD., CF P.O.BOX 206, 76875 KFAR HANAGID, ISRAEL.</p> <p>(72) Name of the Inventors : 1. BEN-ASOULI YITZHAK, 2. OSMAN FARHAT.</p>
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(57) Abstract :

The present invention is directed to a solidified hybrid gel for use in an electrophoresis process, having a solidified first gel portion juxtaposed with a solidified second gel portion. The first gel portion is capable of accommodating therein one or more samples for electrophoresis after said first gel portion is in solidified form, and the second gel portion is adapted for enabling an electrophoresis process to be applied to such a sample that may be accommodated in said first gel portion. Thus, the hybrid gel may be provided in a precast form to users, ready for use. The invention is also directed to methods for providing such a gel, apparatuses for accommodating such a gel, and methods for carrying out electrophoresis on a sample comprised in such a gel.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 516/KOL-NP/2003 A

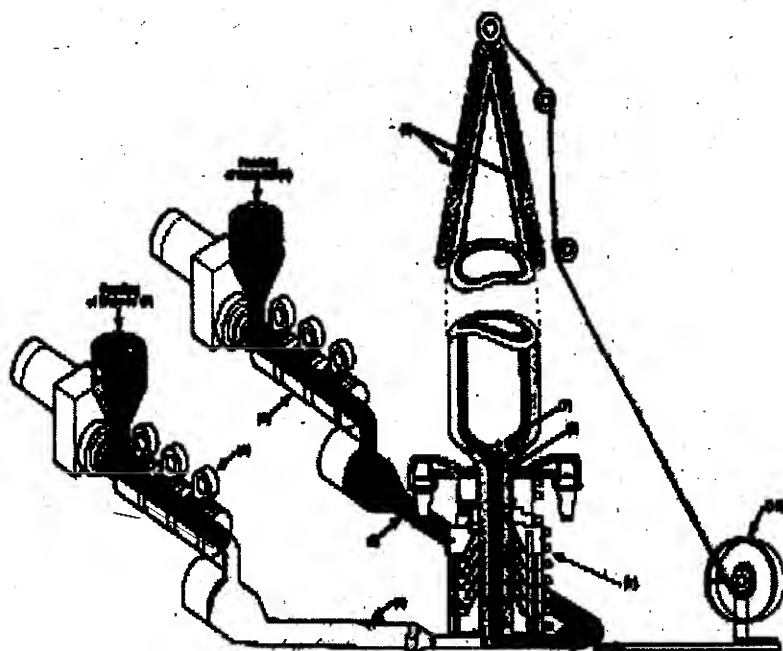
(22) Date of filing of : 24/04/2003  
application

(54) Title of the Invention : "PEST CONTROL SHEET"

(51) International classification : A01N 25/00 (30) Priority Data : (31) Document No. 139388 (32) Date : 01/11/2000 (33) Name of convention country : ISRAEL (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MAKHTESHIM CHEMICAL WORKS LTD., OF INTELLECTUAL PROPERTY DEPARTMENT, P.O.BOX 60 84100, BEER SHEVA, ISRAEL.  (72) Name of the Inventors : BARAZANI AVNER.
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(57) Abstract :

A sheet for pest control, wherein said sheet is of polymeric material and comprises at least two layers; a top layer and a bottom layer, wherein the bottom layer contains a herbicide and one or more pesticides selected from among fungicides and insecticides, and the top layer optionally containing an insecticide and/or fungicide. Other aspects of the invention include a polymeric composition used in the preparation of the sheets and a method for pest control in agriculture, horticulture and gardens.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 517/KOL-NP/2003 A

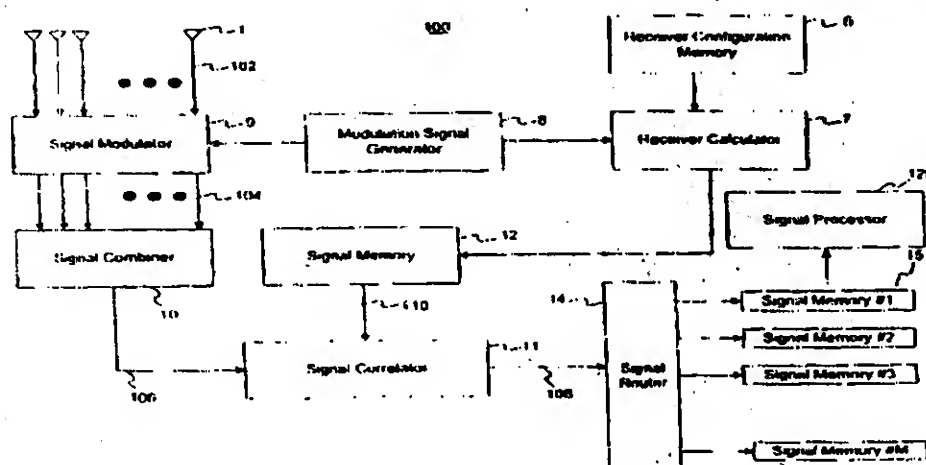
(22) Date of filing of : 24/04/2003  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR SPACE DIVISION  
MULTIPLE ACCESS RECEIVER"

<p>(51) International classification : H04B 7/00 (30) Priority Data : (31) Document No. 09/697, 187 (32) Date : 27/10/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GREENWICH TECHNOLOGIES ASSOCIATES, OF TWO SOUNDVIEW DRIVE, GREENWICH, CT 06830, U.S.A.  (72) Name of the Inventors : ELAM CARL M.,</p>
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(57) Abstract :

Methods and systems consistent with this invention receive a plurality of transmitted in a receiver having a plurality of receive elements, wherein each transmitted signal has a different spatial location. Such methods and systems receive the plurality of transmitted signals at the plurality of receive elements to form a plurality of receive element signals, form a combined signal derived from the plurality of receive element signals, and detect each of the plurality of transmitted signals from the combined signal by its different spatial location. To achieve this, methods and systems consistent with this invention generate a plurality of arbitrary phase modulation signals, and phase modulate each of the plurality of receive element signals with a different one of the phase modulation signals to form a plurality of phase modulated signals. Such methods and systems then combine the plurality of phase modulated signals into a combined signals, generate expected signals, and cross-correlate the combined signal with the expected signals to form correlation signals. Such methods and systems then store the correlation signals in a correlation signal memory and analyze the correlation signals to extract information from the transmitted signals.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 518/KOL-NP/2003 A

(22) Date of filing of : 24/04/2003  
application

(54) Title of the Invention : "VOLTAGE REGULATOR CIRCUIT FOR SMART CARD ICS

(51) International classification : G06K  
19/073

(30) Priority Data :

(31) Document No. 100 60 651.2

(32) Date : 06/12/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

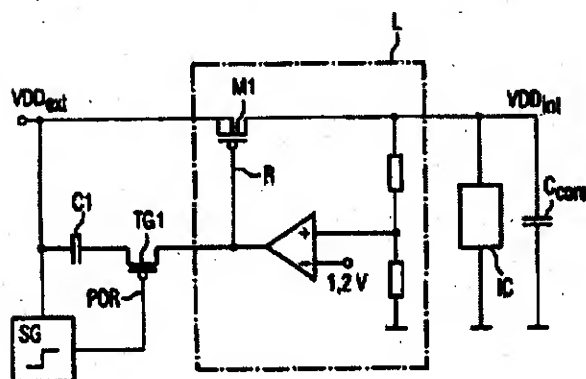
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : INFINEON  
TECHNOLOGIES AG., GERMANY, ST.-  
MARTIN-STRASSE 53, 81669, MÜNCHEN,  
A GERMAN COMPANY.

(72) Name of the Inventors :  
WEDER, UWE

(57) Abstract : The circuit contains a series regulator (L) having an FET (M1). Connected in series between the source connection, to which the external supply voltage (VDDext) is applied and the gate connection are a capacitance (C1) and another FET, which is provided as a transfer gate (TG1) and is driven by the for signal. When the external voltage (VDDext) is applied and the transfer gate is on, the FET (M1) turns off in line with the charging of the capacitance which now takes place. Since this charging takes up a certain amount of time, the internal voltage (VDDint) is prevented from overshooting.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 519/KOL-NP/2003 A

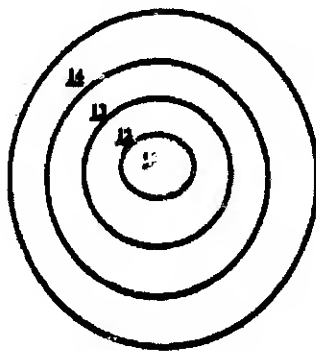
(22) Date of filing of : 24/04/2003  
application

(54) Title of the Invention : "INTRAOCULAR LENSES AND METHODS FOR THEIR MANUFACTURE"

(51) International classification : A61F 2/00 (30) Priority Data : (31) Document No. 09/696, 349 (32) Date : 24/10/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE INC., 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FL 32256, U.S.A.  (72) Name of the Inventors : 1. ROFFMAN JEFFREY H., 2. MOLOCK FRANK F., 3. HILL GREGORY A.,
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(57) Abstract :

The present invention provides Intraocular lenses that have a refractive index gradient. Additionally, the lenses of the invention may be customized to correct the ocular wavefront aberrations of a particular individual



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 521/KOL-NP/2003 A

(22) Date of filing of : 24/04/2003  
application

(54) Title of the Invention : "PROCESS OF PRODUCING AMMONIA FROM A NITROGEN/HYDROGEN MIXTURE DERIVED FROM NATURAL GAS"

(51) International classification: C01B 1/04, C01B 3/02, 3/38, 3/48, 3/52

(30) Priority Data :

(31) Document No. 100 55 818.6

(32) Date : 10/11/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Division : NA

(63) Divisional to Application No. : NIL

(64) Division : NA

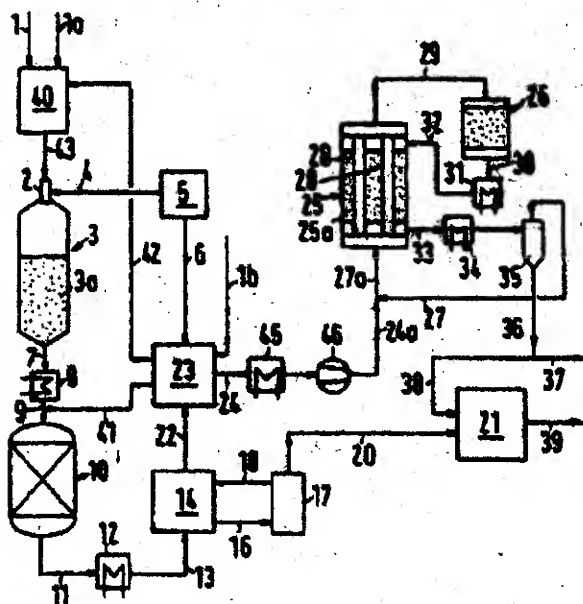
(71) Name of the Applicant : M&G TECHNOLOGIES AG., OF BOCKENHEIMER LANDSTRASSE 73-77, 60388 FRANKFURT AM MAIN, GERMANY AND AMMONIA CASALE S.A., OF VIA SORENGO, 7 CH-6900 LUGANO, SWITZERLAND.

(72) Name of the Inventors :

1. DAVEY WILLIAM,  
2. FILIPPI, ERMANNO

(57) Abstract :

The invention relates to a method for producing ammonia on the basis of a nitrogen-hydrogen mixture from natural gas. To this end, natural gas is fed to an autothermic reformer together with an O<sub>2</sub> rich gas. A crude synthesis gas is produced at temperatures ranging from 900 to 1200 DEG C, a pressure of 40 to 100 bar and in the presence of a cracking catalyst. Said gas, in the dry state, has a H<sub>2</sub> content of from 55 to 75 vol.-%, a CO content of from 15 to 30 vol.-%, a CO<sub>2</sub> content of from 5 to 30 vol.-% and a volume ratio H<sub>2</sub>:CO of 1.6 to 4. The crude synthesis gas leaving the reformer is cooled, led through a catalytic conversion system to convert CO to H<sub>2</sub>, thereby obtaining a conversion synthesis gas with a H<sub>2</sub> content, in the dry state, of at least 66 vol.-% and a CO content of not more than 8 vol.-%. The conversion synthesis gas is subjected to a multi-step gas purification to remove CO<sub>2</sub>, CO and CH<sub>4</sub>, thereby producing an N<sub>2</sub>-H<sub>2</sub> mixture that is subjected to an ammonia synthesis to catalytically produce ammonia. The ammonia produced by said ammonia synthesis can at least be partially converted to urea by reacting it with CO<sub>2</sub>.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 522/KOL-NP/2003 A

(22) Date of filing of : 25/04/2003  
application

(54) Title of the Invention : "TRANSDERMAL DRUG DELIVERY DEVICES HAVING COATED MICROPROTRUSIONS"

(51) International classification : A61M 37/00

(30) Priority Data :

(31) Document No. 60/244, 038

(32) Date : 26/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : ALZA CORPORATION, 1900 CHARLESTON ROAD, P.O. BOX 7210, M10-3, MOUNTAIN VIEW, CA 94039-7210, U.S.A.

(72) Name of the Inventors :

1. CORMIER, MICHEL J. N.,

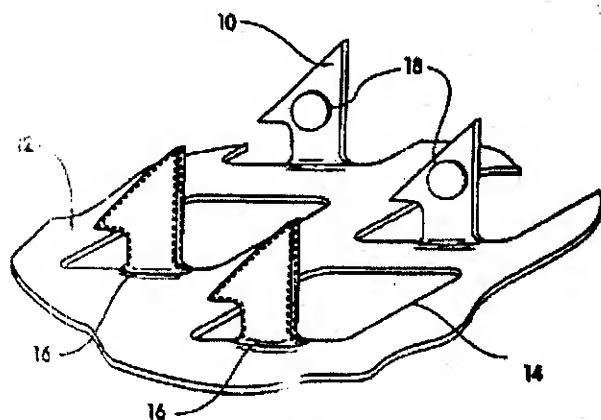
2. YOUNG, WENDY A.,

3. DADDONA, PETER E.,

4. NYAM, KOFI.

(57) Abstract :

A device (12) and method are provided for percutaneous transdermal delivery of a potent pharmacologically active agent. The agent is dissolved in water to form an aqueous coating solution having an appropriate viscosity for coating extremely tiny skin piercing elements (10). The coating solution is applied to the skin piercing elements (10) using known coating techniques and then dried. The device (12) is applied to the skin of a living animal (e.g., a human), causing the microprotrusions (10) to pierce the stratum corneum and deliver a therapeutically effect dose of the agent to the animal



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 526/KOL-NP/2003 A (22) Date of filing of : 28/04/2003  
application

(54) Title of the Invention : 'MELT POLYCARBONATE CATALYST SYSTEMS'

(51) International classification : C08G 64/30	(71) Name of the Applicant : GENERAL
(30) Priority Data :	ELECTRIC COMPANY, 1 RIVER ROAD,
(31) Document No. 09/760, 053	SCHENECTADY, NEW YORK 12345,
(32) Date : 12/01/2001	U.S.A.
(33) Name of convention country : U.S.A.	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. LEMMON, JOHN PATRICK,
(61) Patent of addition to application No. NA	2. WROCZYNSKI, RONALD JAMES.
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

**(57) Abstract :**

This invention provides a method for preparing polycarbonates, which utilizes polycondensation catalysts which are salts of macrocyclic polypyrroles with the general formula  $Ax \llcorner y \gg [(Porphine - Tm)By \llcorner x \gg]$ , where A is certain alkali metals, B contains a charge balancing sulfonate, carboxylate, or phosphonate group and Tm is a transition metal are useful as polycarbonate melt polymerization catalysts. We have found that this new class of catalysts provide excellent polymerization rates for the preparation of Bisphenol A polycarbonate from the melt polymerization of diphenyl carbonate and Bisphenol A. Moreover, the catalysts of the invention were found to be very selective in substantially reducing the level of branching side reaction, i.e., formation of Fries product, normally associated with the melt polycarbonate process.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 537/KOL-NP/2003 A

(22) Date of filing of application : 28/04/2003

(54) Title of the Invention : "AMIDOALKYL-PIPERIDINE AND AMIDOALKYL-PIPERAZINE DERIVATIVES USEFUL FOR THE TREATMENT OF NERVOUS SYSTEM DISORDERS"

(51) International classification : C07D 401/10

(30) Priority Data :

(31) Document No. 60/244, 117

(32) Date : 27/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : ORTHO-MCNEIL PHARMACEUTICAL INC., U.S. ROUTE NO. 282, RARITAN, NEW JERSEY 08869-0602 U.S.A.

(72) Name of the Inventors :

1. KORDIK CHERYL P.,
2. REITZ ALLEN B.,
3. COATS STEAVEN J.,
4. LUO CHI,
5. PAN KEVIN,
6. PARKER MICHAEL H.,

(57) Abstract :

Novel amidoalkyl-piperidine and amidoalkyl-piperazine derivatives of the general formula wherein all variables are as described herein, useful in the treatment of disorders, such as depression, dementia, schizophrenia, bipolar disorders, anxiety, emesis, acute or neuropathic pain, itching, migraine and movement disorders



**Publication After 18 months:**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 528/KOL-NP/2003 A

(22) Date of filing of: 28/04/2003  
application

(54) Title of the Invention : "FAN TYPE CHEMICAL DIFFUSING APPARATUS"

(51) International classification : A01M 1/20

(30) Priority Data :

(31) Document No. 2001-20152, 2001-20188, 2001-20234 & 2001-184588

(32) Date : 29/01/2001, 29/01/2001, 29/01/2001 & 10/06/2001

(33) Name of convention country : JAPAN

(66) Filed U/a 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

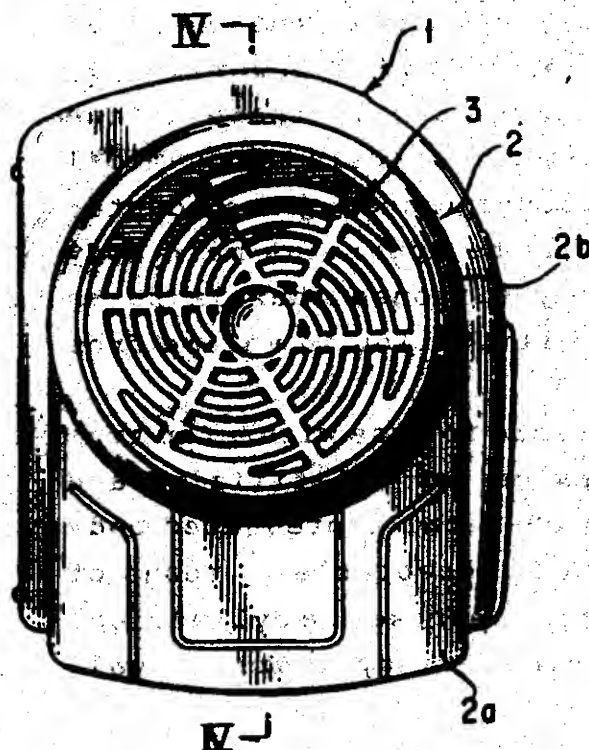
(64) Filed on : NA

(71) Name of the Applicant : FUSAKILLA LIMITED, 11, KANDAMIKURACHO, CHIYODA-KU, TOKYO 101-8606 JAPAN.

(72) Name of the Inventors :

1. KAZUNORI YAMAMOTO.
2. SATOSHI YAMASAKI

(57) Abstract :



A fan type chemical diffusing apparatus is disclosed which enables an apparatus main body, a chemical receptacle and a power supply housing to be made independent in volume from each other and which makes it possible to readily establish an amount of retention of a chemical relative to a rate of airflow produced by a fan, and a length of time period for its service. Disclosed also is a chemical receptacle that prevents chemical impregnated carrier particles from being seized in a space between the end face of the receptacle main body and a lid body, as well as a clip type fastener by which the apparatus can be fastened firmly to an object regardless of its thickness.

The fan type chemical diffusing apparatus includes the apparatus main body made of a fan that produces an air flow, a motor for driving the fan and an airflow opening through which the airflow produced by the fan passes; the chemical receptacle for accommodating a chemical impregnated body therein that is impregnated with a chemical, the chemical receptacle having vent holes; and a power supply housing for receiving a power supply therein, the power supply powering the motor, wherein the chemical receptacle and the power supply housing are adapted to be detachably loaded in the apparatus main body and when loaded are each positioned therein so as to receive essentially no limitation in volume from the other.

The chemical receptacle for use with a fan type chemical diffusing apparatus for volatilizing and diffusing a chemical in a chemical impregnated body accommodated in the chemical receptacle by means of an airflow produced by a fan, comprises: a cylindrical receptacle main body having its cylindrical wall

closed with its one end wall formed with a large number of vent holes; and a cylindrical lid body having its cylindrical wall closed with its one end wall formed with a large number pf vent holes, wherein the cylindrical wall of the lid body is adapted to be fitted into and with an inner surface of the cylindrical wall of the receptacle main body.

The clip type fastener for the fan type chemical diffusing apparatus, includes a clip member in the form of a tongue attached to an outer wall of the fan type chemical diffusing apparatus wherein the clip having a pressure foot portion is adapted to be so hung on an object such as an apparel of the user that the object is inserted and gripped between the external wall of the fan type chemical diffusing apparatus and the pressure foot portion, thereby fastening the fan type chemical diffusing apparatus to the object, and has the feature that the clip member comprises a plurality of clip pressure foot portions disposed mutually spaced apart in a direction perpendicular to that in which the object is inserted as aforesaid; and one or more raised portions so formed on the said outer wall as to come into between adjacent such pressure foot portions.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 529/KOL-NP/2003 A

(22) Date of filing of : 28/04/2003  
application

(54) Title of the Invention : "MULTIPURPOSE PACKAGES FOR STERILIZED PRODUCTS OR PRODUCTS TO BE STERILIZED"

(51) International classification : A61L 2/26

(30) Priority Data :

(31) Document No. 00/14977

(32) Date : 20/11/2000

(33) Name of convention country : FR

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

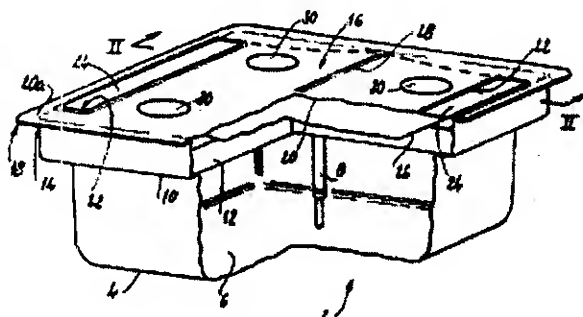
(71) Name of the Applicant : BECTON  
DICKINSON FRANCE OF RUE ARISTIDE  
BERGES, F-38800 LE PONT DE CLAIX,  
FRANCE.

(72) Name of the Inventors :

1. JANSEN, HUBERT,  
2. PORRET, JEAN-YVES.

(57) Abstract :

The invention concerns a package (2) for sterilised products or products to be sterilised comprising a plastic box (4) and a lid (16) fixed on the box (4) to seal the latter with a tight sealing zone. The invention is characterised in that the lid (16) comprises: a plastic cover sheet (20) transparent for electronic irradiation and for light radiation; at least a window (22) provided in the cover sheet (20); at least a sheet of selectively sealing material (24) integral with said cover sheet (20) and closing the window (22); and an opaque screen (26, 126) for at least an electronic irradiation passing through the cover sheet or the selectively sealing material, said screen extending inside the package (2), proximate to the cover sheet (20), so as to allow through a sterilising gas, for example ethylene oxide (ETO) or water vapour, through the selectively sealing material (24).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 530/KOL-NP/2003 A

(22) Date of filing of : 28/04/2003  
application

(54) Title of the Invention : "PACKAGE FOR PRODUCTS TO BE STERILIZED USING A HIGH-TEMPERATURE STERILIZING FLUID"

(51) International classification : A61L 2/26

(30) Priority Data :

(31) Document No. 00/14976

(32) Date : 20/11/2000

(33) Name of convention country : FR

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

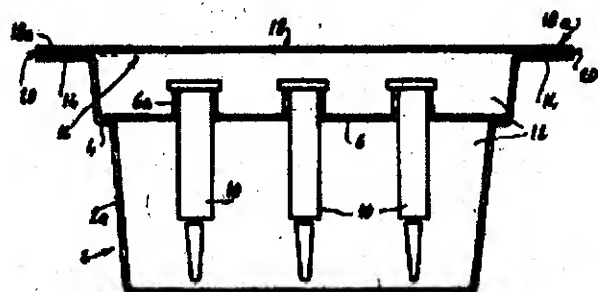
(71) Name of the Applicant : BECTON  
DICKINSON FRANCE OF RUE ARISTIDE  
BERGES, F-38800 LE PONT DE CLAIX,  
FRANCE.

(72) Name of the Inventors :

1. GRIMARD JEAN-PIERRE, MR.,  
2. THIBAUT JEAN-CLAUDE MR.,

**(57) Abstract :**

The invention concerns a plastic package, having a content capable of being sterilised at high temperature, said package comprising at least a fluid communication member (16) between the inside and the outside of said package consisting of at least a frame circumscribing an opening and an inner seal (18) closing the opening, and whereof the peripheral edge (18a, 22a) is continuously linked to said frame, said inner seal including, a selectively sealing material sheet whereof the cutoff threshold from outside inwards, stops contaminating particles and allows through the thermal sterilising fluid, said selectively sealing material being deformable in the plane of said sheet at said high temperature. The invention is characterised in that it comprises means compensating the planar deformation of the selectively sealing material sheet, when said inner seal (18) is in contact with the thermal sterilising fluid, said compensating means being designed to release at least part of the load in the direction opening the fluid communication member (16) applied on the frame as a result of said deformation



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 532/KOL-NP/2003 A (22) Date of filing of : 28/04/2003  
application  
(54) Title of the Invention : "SYSTEM AND METHOD FOR SECURING A NON-SECURE COMMUNICATION CHANNEL"

(51) International classification : H04L 29/06 (30) Priority Data : (31) Document No. 09/706, 117 (32) Date : 03/11/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : CITRIX SYSTEMS, INC., OF 6400 NW 6 <sup>TH</sup> WAY, FT, LAUDERDALE, FL 33309, U.S.A. (72) Name of the Inventors : 1. KRAMER ANDRE, 2. HARWOOD WILL.
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**(57) Abstract :**

The present invention features a system and method for establishing a secure communication channel between a client and an application server. In one embodiment, a ticket service generates a ticket having an identifier and a session key. A communications device obtains the ticket from the ticket service and transmits the ticket to a client over a secure communication channel. The client transmits the identifier of the ticket to an application server over an application communication channel. The application server then obtains a copy of the session key of the ticket from the ticket service. Communications exchanged between the client and the application server over the application communication channel are then encrypted using the session key to establish the application communication channel as a secure communication channel

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 534/KOL-NP/2003 A

(22) Date of filing of : 28/04/2003  
application

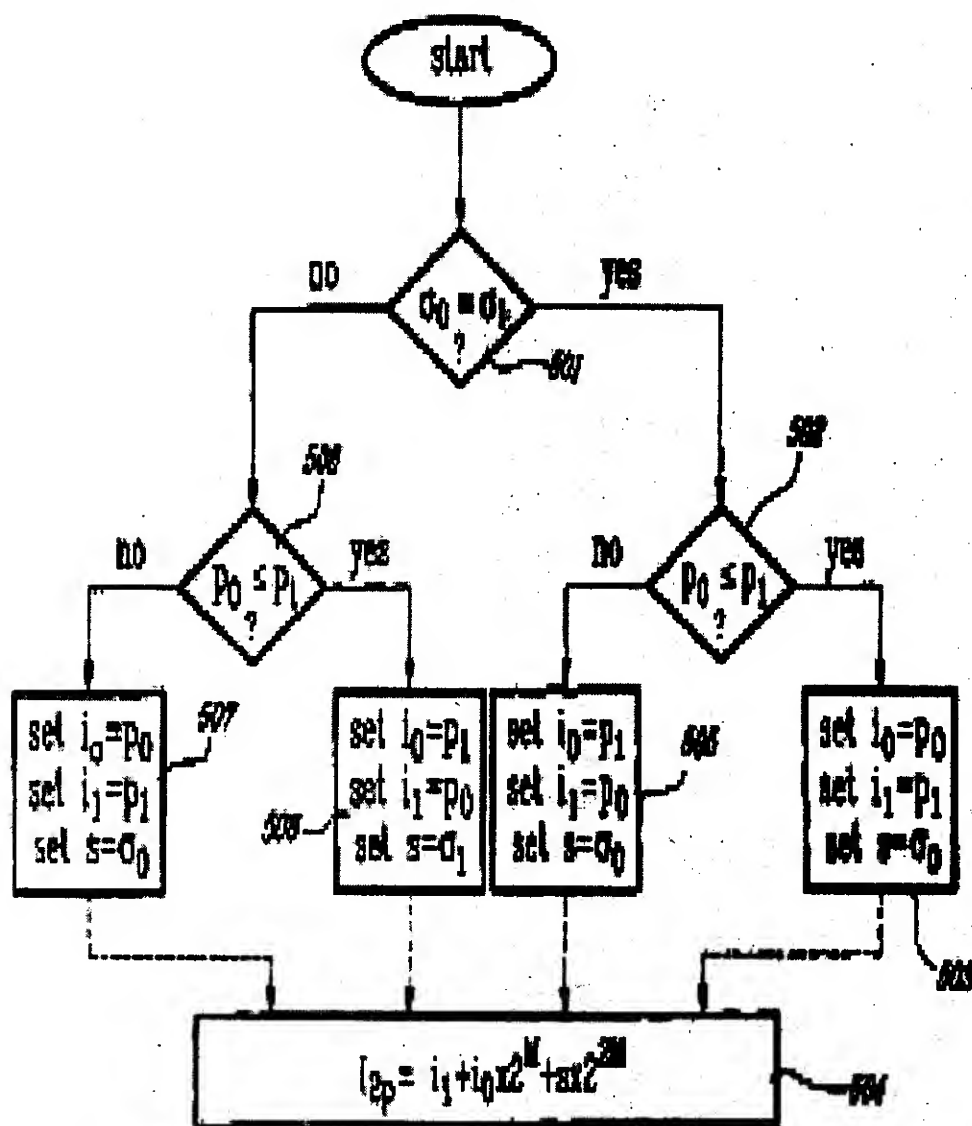
(54) Title of the Invention : "INDEXING PULSE POSITIONS AND SIGNS IN ALGEBRAIC CODEBOOKS FOR CODING OF WIDEBAND SIGNALS"

<p>(51) International classification : G10L 19/10 (30) Priority Data : (31) Document No. 2, 327, 041 (32) Date : 22/11/2000 (33) Name of convention country : CANADA (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : VOICEAGE CORPORATION, OF SUITE 250, 750, CHEMIN LUCERNE, VILLE MONT-ROYAL, QUEBEC H3R 2H6, CANADA.  (72) Name of the Inventors : BESSETTE BRUNO</p>
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(57) Abstract :

The present invention relates to a method of indexing pulse positions and amplitudes in an algebraic codebook for efficient encoding of a wideband signal. The codebook comprises a set of pulse amplitude/position combinations each defining a number of different positions and comprising both zero-amplitude pulses and non-zero-amplitude pulses assigned to respective positions of the combination. Also, each non-zero-amplitude pulse assumes one of a plurality of possible amplitudes. The indexing method comprises forming a set of tracks of pulse positions, restraining the positions of the non-zero-amplitude pulses of the combinations of the codebook in accordance with the set of tracks of pulse positions, and indexing in the codebook each non-zero-amplitude pulse of the combinations at least in relation to the position of the in the corresponding track, the amplitude of the pulse, and the number of pulse positions in said corresponding track. For indexing the position(s) of one and two non-zero amplitude pulse(s) in one track, procedures code\_1pulse and code\_2pulse are respectively used. When the positions of a number  $X$  of non-zero-amplitude pulses are located in one track,  $X \geq 3$ , subindices of these  $X$  pulses are calculated using the procedures code\_1pulse and code\_2pulse, and a global index is calculated by combining these subindices.

534/KOL-NP/2003 A





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 535/KOL-NP/2003 A

(22) Date of filing of : 29/04/2003  
application

(54) Title of the Invention : "PROCESS FOR PRODUCING FUEL FOR DIESEL ENGINE"

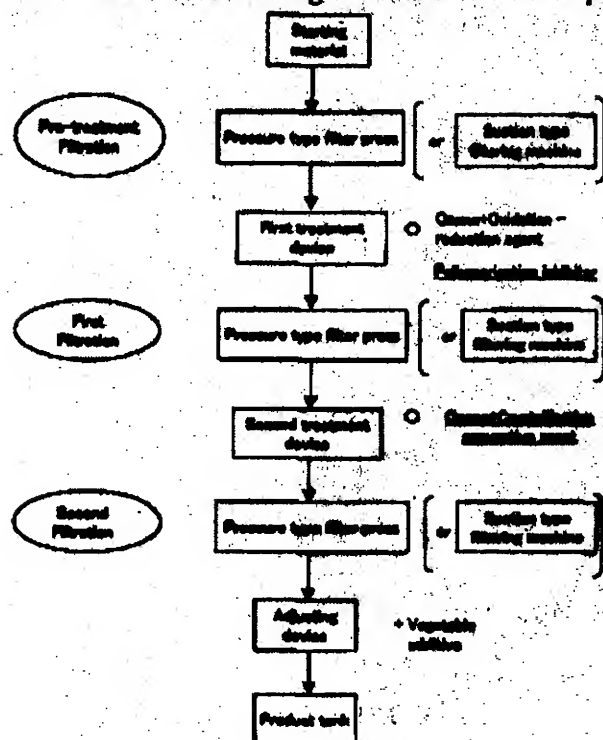
(51) International classification : C10L 1/08  
(30) Priority Data :  
(31) Document No. 2000-344156  
(32) Date : 10/11/2000  
(33) Name of convention country : JAPAN  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : MURAKAMI, SEISHIRO OF 1099, OAZA TAKAGI, MIFUNEMACHI, KAMIMASHIKI-GUN, KUMAMOTO 861-3203, JAPAN AND FUJITA, HIDEYUKI OF 25-3, HIGASHIAZABU 1-CHOME, MINATOKU, TOKYO 106-0044, JAPAN.

(72) Name of the Inventors :  
1. MURAKAMI, SEISHIRO,  
2. FUJITA, HIDEYUKI.

(57) Abstract : A fuel for a diesel engine is produced by using a fish waste oil or a mixture of a vegetable waste oil and the fish waste oil which have conventionally been wasted as a starting material.

Fish oil (virgin oil or fish waste oil) or a filtered mixture of the fish oil and vegetable oil (virgin oil or vegetable waste oil) to stirring treatment with a rotation speed necessary for causing a cracking phenomenon by breaking the composition of the starting material while introducing ozone to finely pulverize the starting material, a step of filtering the material obtained in the first treatment, a second treatment step of stirring a filtrate while introducing ozone to further finely pulverize said filtrate, and a step of introducing a crystallization-preventive agent into a material obtained by the second treatment step, wherein an oxidation-reduction agent and a polymerization inhibitor are added during the first treatment step so that the starting material is not so oxidized.



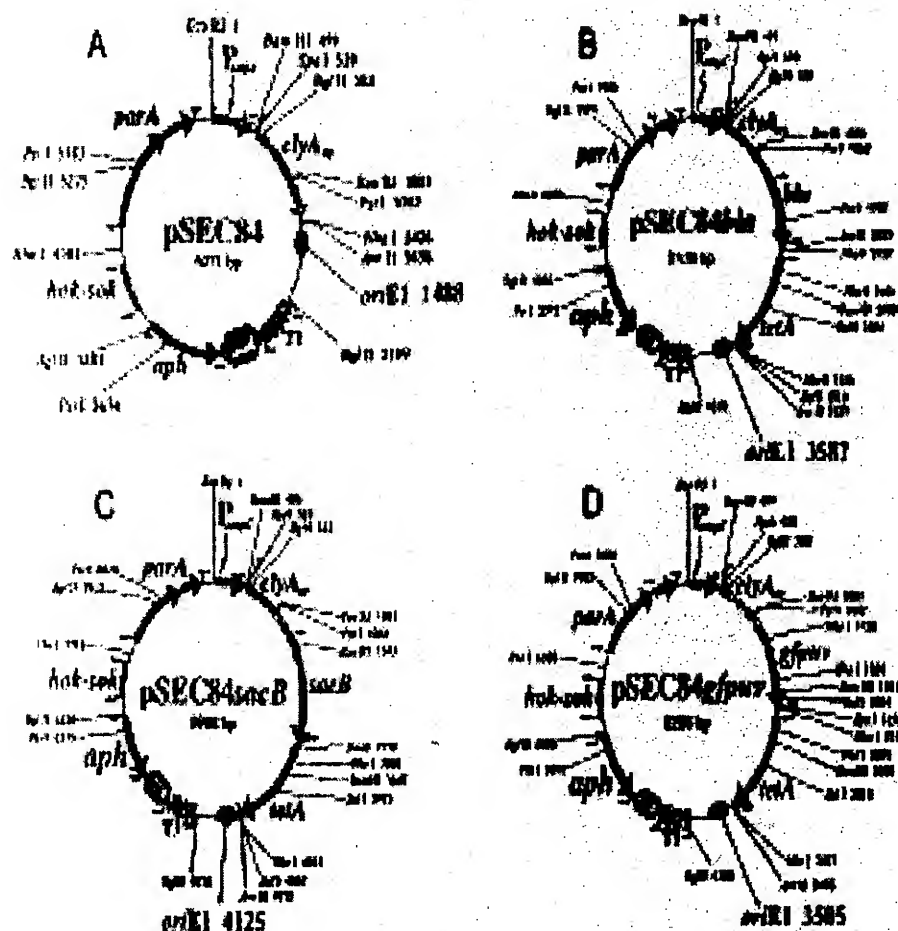
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(22) **Date of filing of : 29/04/2003**  
**application**

(54) Title of the Invention : "USE OF CLyA HEMOLYSIN FOR EXCRETION OF PROTEINS"

<p>(51) <b>International classification</b> : C12N 15/00</p> <p>(30) <b>Priority Data</b> :</p> <p>(31) <b>Document No.</b> 60/252, 516</p> <p>(32) <b>Date</b> : 22/11/2000</p> <p>(33) <b>Name of convention country</b> : U.S.A.</p> <p>(66) <b>Filed U/s 5(2)</b> :NIL</p> <p>(61) <b>Patent of addition to application No.</b> NA</p> <p>(62) <b>Filed on</b> :NA</p> <p>(63) <b>Divisional to Application No.</b> :NIL</p> <p>(64) <b>Filed on</b> :NA</p>	<p>(71) <b>Name of the Applicant</b> : UNIVERSITY OF MARYLAND, BALTIMORE, OF 520 WEST LOMBARD STREET, BALTIMORE, MD 21201-1727, U.S.A.</p> <p>(72) <b>Name of the Inventors</b> : GALEN JAMES E.</p>
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The disclosure below provides a protein export system for efficiently producing recombinant protein from a host cell. In a preferred embodiment, the protein export system utilizes protein export machinery endogenous to the host bacterium into which the protein export system vector is introduced.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 539/KOL-NP/2003 A

(22) Date of filing of : 29/04/2003  
application

(54) Title of the Invention : "GEL TRAP FOR ELECTROPHORESIS"

(51) International classification : G01N 27/447

(30) Priority Data :

(31) Document No. 139446 & 139447

(32) Date : 02/11/2000

(33) Name of convention country : ISRAEL

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

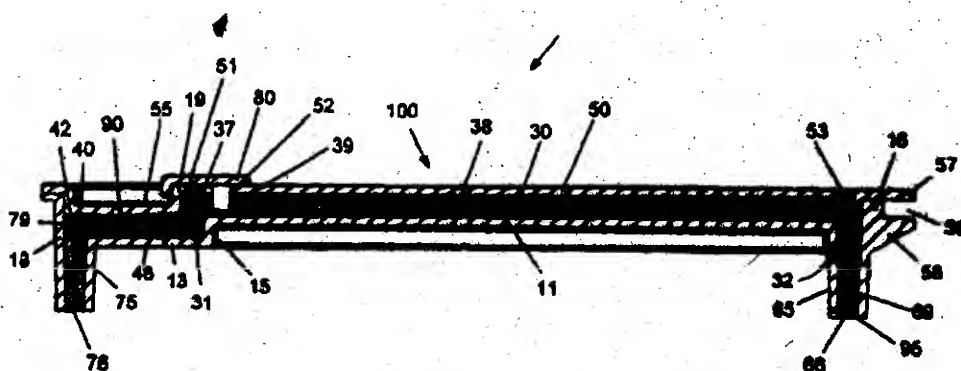
(71) Name of the Applicant : GENE BIO-APPLICATION LTD., OF P.O. BOX 206, 76875 Kfar Hanagid, ISRAEL.

(72) Name of the Inventors :

1. BEN-ASOULI YITZHAK,
2. OSMAN FARHAT.

**(57) Abstract**

.. The present invention is directed to an apparatus for electrophoresis having a first gel matrix, adapted for performing an electrophoretic process therein, in communication with a second gel matrix, both being accommodated within a suitable housing. The housing has a first opening adapted to permit ionic communication between the first gel matrix and an external ionic buffer solution, and a second opening adapted to permit ionic communication between the second gel matrix and an external ionic buffer solution. The second gel has at least one suitable absorption material capable of retaining therein at least one target substance capable of migrating thereto from the first gel matrix when an electrophoretic process is performed in the first matrix.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 541/KOL-NP/2003 A (22) Date of filing of : 29/04/2003 application  
 (54) Title of the Invention : "MELT POLYCARBONATE CATALYST SYSTEMS"

(51) International classification : C08G 64/30, C08K 5/3492 (30) Priority Data : (31) Document No. 09/760, 102 (32) Date : 12/01/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, OF ONE RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.  (72) Name of the Inventors : 1. LEMMON JOHN PATRICK, 2. WROCZYNSKI RONALD JAMES.
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**(57) Abstract :**

This invention provides a method for preparing polycarbonates, which utilizes polycondensation catalysts which are derivatized pyridyl triazinyl pyridyl macromolecules with the general formula  $Ax+y[(\text{Triazinyl-Pyridyl})By-x]$ , where A is certain alkali metals, B contains a charge balancing sulfonate, carboxylate, or phosphonate group. We have found that his new class of catalysts provide excellent polymerization rates for the preparation of Bisphenol A polycarbonate from the melt polymerization of diphenyl carbonate and Bisphenol A. Moreover, the catalysts of the invention were found to be very selective in substantially reducing the level of branching side reaction, i.e., formation of Fries product, normally associated with the melt polycarbonate process

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 542/KOL-NP/2003 A

(22) Date of filing of : 29/04/2003  
application

(54) Title of the Invention : "THRESHOLD CRYPTOGRAPHY SCHEME FOR  
CONDITIONAL ACCESS SYSTEMS"

(51) International classification : H04L 9/08,  
H04N 7/167

(30) Priority Data :

(31) Document No. 60/253, 781

(32) Date : 29/11/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

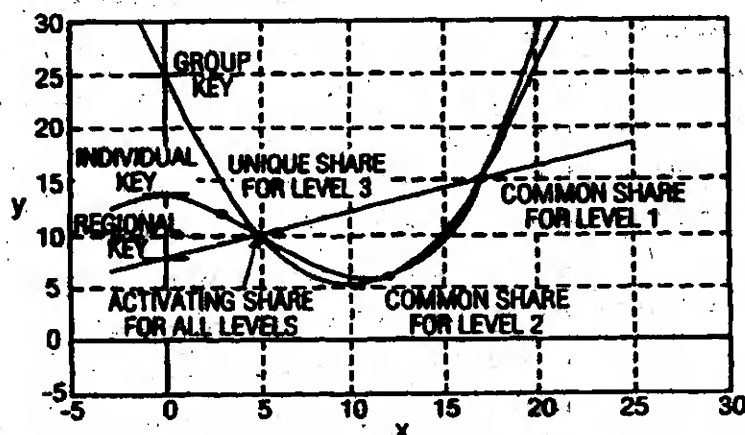
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : THOMSON  
LICENSING S.A., OF 46, QUAI A. LE  
GALLO, F-92648 BOULOGNE CEDEX,  
FRANCE.

(72) Name of the Inventors :  
ESKICIOGLU, AHMET, MURSIT

(57) Abstract : A method and apparatus for managing access to a signal representative of an event of a service provider, including receiving said signal in a smart card, said signal being scrambled using a scrambling key, receiving, in said smart card, data representative of a first share; constructing said scrambling key using said first share and at least one additional share, said additional share being stored in said smart card; and descrambling said signal using said constructed scrambling key to provide a descrambled signal, wherein the step of constructing said scrambling key comprises calculating the Y-intercept of the line formed on said Euclidean plane by said first, and said at least one additional share.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 543/KOL-NP/2003 A

(22) Date of filing of : 29/04/2003  
application

(54) Title of the Invention : "PROCESS FOR PRODUCTION OF NUCLEOSIDE COMPOUND"

<p>(51) International classification : C12P 19/38 (30) Priority Data : (31) Document No. 2000-337715, 2000-380575 &amp; 2001-82857 (32) Date : 06/11/2000, 14/12/2000 &amp; 22/03/2001 (33) Name of convention country : JP (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : MITSUI CHEMICALS, INC., OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO 100-6070 JAPAN.</p> <p>(72) Name of the Inventors : 1. ARAKI TADASHI, 2. IKEDA ICHIRO, 3. TAKAHASHI KATSUYUKI, 4. ITO KIYOSHI, 5. ASANO TAMAOTSU, 6. NIKUMARU SEIYA, 7. NAKAMURA TAKESHI, 8. ISHIBASHI HIROKI, 9. NAGAHARA KIYOTERU, 10. FUKUIRI YASUSHI.</p>
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(57) Abstract :

In reacting pentose-1-phosphoric acid with a nucleic acid base or a nucleic acid base analogue in an aqueous reaction medium in the presence of a metal cation to produce a nucleoside compound, the timing or method of addition of at least one of these components to the aqueous reaction medium is varied; thereby, a nucleoside compound can be produced at a high yield efficiently without inviting the high viscosity or solidification of the reaction mixture, even when the above components are used in such amounts that the reaction mixture becomes highly viscous or is solidified when the components are used without the above variation of the addition timing or method. Thus, there can be provided a process for producing a nucleoside compound, which comprises a step of reacting pentose-1-phosphoric acid with a nucleic acid base or a nucleic acid base analogue in the presence of nucleoside phosphorylase activity, which gives a nucleoside compound at an improved conversion, and which has wide applicability.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 544/KOL-NP/2003 A

(22) Date of filing of : 29/04/2003  
application

(54) Title of the Invention : "THE COMPOSITION OF MULTIPURPOSE HIGH FUNCTIONAL ALKALINE SOLUTION COMPOSITION, PREPARATION THEREOF AND FOR THE USE OF NONSPECIFIC IMMUNOSTIMULATOR"

(51) International classification : A61K 33/00

(30) Priority Data :

(31) Document No. 2000/70054

(32) Date : 23/11/2000

(33) Name of convention country : KR

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

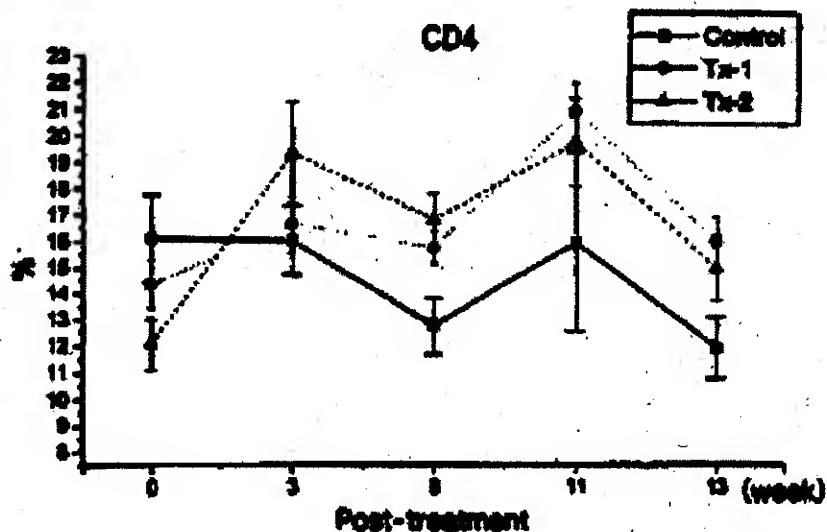
(71) Name of the Applicant : BARODON-S. F. CORP., 808-9 DUKSAN-RI, SAMJUK MYUN, ANSUNG CITY, KYUNGGI DO 456 880, KOREA.

(72) Name of the Inventors :

1. CHOI, SOO,
2. CHOI, HYUN SUK,
3. JEON, KYUNG SOO,
4. YOO, BYUNG WOO,
5. PARK, YONG HO.

(57) Abstract :

Disclosed are a multipurpose, high-functional, alkaline solution composition, preparation therefor and use thereof as a nonspecific immunostimulator. The composition comprises 1-25 parts by weight of borax ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ ), 10<-5>-10<-4> parts by weight of sodium thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ ), 30-150 parts by weight of potassium carbonate, 30-200 parts by weight of refined sugar ( $\text{C}_{12}\text{H}_{22}\text{O}_{11}$ ), and 100-200 parts by weight of water, based on 100 parts by weight of sodium metasilicate ( $\text{Na}_2\text{SiO}_3 \cdot 5\text{H}_2\text{O}$ ). In addition to bringing about an improvement in disease resistance, weight gain rate, crop yield, crop quality, harvest time, the composition shows nonspecific immunostimulating activities, including antibody production and immune enhancement, by activating immune cells, thereby maximizing vaccination effects on malignant viral diseases.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 545/KOL-NP/2003 A

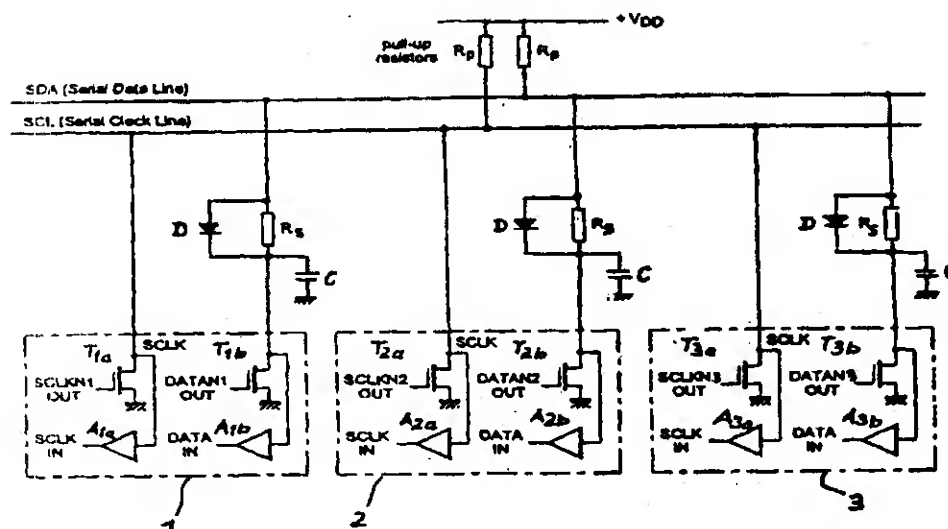
(22) Date of filing of : 29/04/2003  
application

(54) Title of the Invention : "DATA BUS"

<p>(51) International classification : G06F 13/00  (30) Priority Data :  (31) Document No. 100 58 793.3  (32) Date : 27/11/2000  (33) Name of convention country : DE  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NA  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., 46, QUAI A. LE GALLO, F 92100 BOULOGNE-BILLANCOURT, FRANCE.    (72) Name of the Inventors :  1. SELZ, ALFRED,  2. ARMBRUSTER, VEIT.</p>
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(57) Abstract :

In apparatuses (1, 2, 3) controlled or operated via an I<sup>2</sup>C bus, it may be necessary to take measures to suppress interference signals at the data signal input/output of the respective apparatus without impairing the data transport at the same time. The data line (SDA) at the data signal input/output contains an RC element (RS, C), in the form of a low-pass filter, with a diode (D) connected in parallel with the RC element (RS, C), the low-pass filter action allowing said arrangement to be used to suppress interference signals acting on the data signal input/output, and, secondly, the transmissive action of the diode (D) meaning that said arrangement does not impair a data signal (ACK) leaving the data signal input/output.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 546/KOL-NP/2003 A

(22) Date of filing of : 30/04/2003  
application

(54) Title of the Invention : "GLP-1-FUSION PROTEINS"

<p>(51) International classification : C07K 14/605, 19/00, C12N 15/62, A61K 38/38, (30) Priority Data : (31) Document No. 60/251, 954 (32) Date : 07/12/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ELI LILLY AND COMPANY, LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285, U.S.A.  (72) Name of the Inventors : 1. GLAESNER, WOLFGANG, 2. MICANOVIC, RADMILLA, 3. TSCHANG, SHENG-HUNG.</p>
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(57) Abstract : The present invention relates to glucagon-like -1 compounds fused to proteins that have the effect of extending the in vivo half-life of the peptides. These fusion proteins can be used to treat non-insulin dependent diabetes mellitus as well as a variety of other conditions.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 547/KOL-NP/2003 A

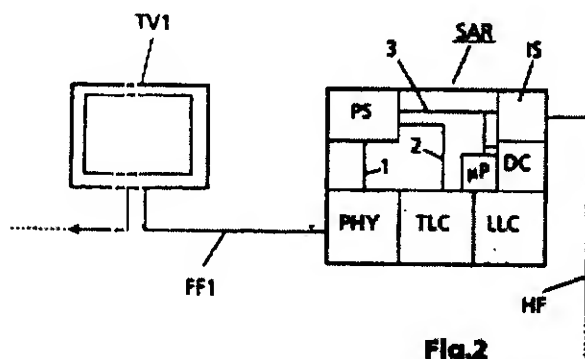
(22) Date of filing of : 30/04/2003  
application

(54) Title of the Invention : "CIRCUIT ARRANGEMENT FOR PROCESSING A BAND OF DIGITAL TELEVISION CHANNELS"

<p>(51) International classification : H04N 5/63  (30) Priority Data :  (31) Document No. 00126155.1  (32) Date : 30/11/2000  (33) Name of convention country : EP  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., 46, QUAI A. LE GALLO, F 92100 BOULOGNE-BILLANCOURT, FRANCE.    (72) Name of the Inventors :  1. DREXLER, MICHAEL,  2. GAEDKE, KLAUS.</p>
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(57) Abstract :

The circuit arrangement comprises an input section (IS, DC) for receiving a band of digital television channels, a signal processing section (uP, LLC, TLC), a power supply (PS), and an output section (PHY) for supplying one or several television receivers (TV1-TV3, PC) with one of said television channels. The output section (PHY) comprises an IEEE 1394 port for a connection to television receivers (TV1-TV3, PC) for providing data transmission in both directions, and the circuit arrangement comprises a power down mode in which at least parts of the input section (IS, DC) and the signal processing section (uP, LLC, TLC) are switched off, when none of said television receivers is active. In this power-down mode the circuit arrangement is in a standby mode in which advantageously only the power supply (PS) and the physical layer (PHY) of the output section are active. The circuit arrangement (SAR) is in particular a digital satellite receiver or a settop box.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 548/KOL-NP/2003 A

(22) Date of filing of : 30/04/2003  
application

(54) Title of the Invention : "ALLOY COLOR EFFECT MATERIALS AND PRODUCTION THEREOF"

(51) International classification : C23C 28/00 (30) Priority Data : (31) Document No. 09/707, 229 (32) Date : 06/11/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : ENGELHARD CORORATION, OF 101 WOOD AVENUE, P.O. BOX 770, ISELIN, NJ 08830-0770, U.S.A.  (72) Name of the Inventors : 1. CHRISTIE, JAMES, D., 2. FULLER, DANIEL, S., 3. ZIMMERMAN, CURTIS, J.
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(57) Abstract : A color effect material is plurality of encapsulated substrate platelets in which each platelet is encapsulated with coper zinc, an alloy of copper, or an alloy of zinc first layer which acts as a reflector to light directed thereon, a second layer encapsulating the first layer in which the second layer provides an optically variable reflection of light impinging thereon and a third layer encapsulating the second layer and being selectively transparent to light directed thereon.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 550/KOL-NP/2003 A

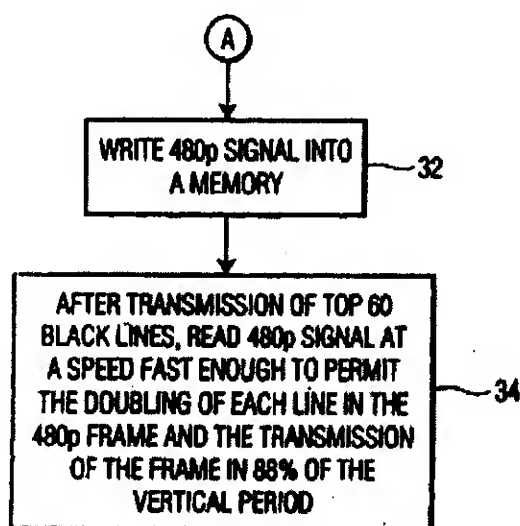
(22) Date of filing of : 30/04/2003  
application

(54) Title of the Invention : "HIGH DEFINITION MATRIX DISPLAY METHOD FOR STANDARD DEFINITION TV SIGNALS"

<p>(51) International classification : H04N 11/20 (30) Priority Data : (31) Document No. 60/250, 181 (32) Date : 30/11/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI ALPHONSE LE GALLO, F-92648 BOULOGNE CEDEX, FRANCE.  (72) Name of the Inventors : 1. WILLIS, DONALD, HENRY, 2. KLINK, KRISTOPHER, ALLYN.</p>
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(57) Abstract : A method of displaying a standard definition television signal (20 and 30 or 40) on a high definition matrix display (10) includes the steps of receiving (22) the standard definition television signal to provide a received signal, sampling (24) the received signal to provide a sampled digital video signal, and deinterlacing (26) the sampled digital video signal to provide a progressive line signal. The method further includes the steps of doubling (34 or 42) the progressive line signal to provide a predetermined number of active lines of video in a frame and displaying (34 or 46) the predetermined number of active lines of video on the high definition matrix display in a shortened vertical interval

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Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 551/KOL-NP/2003 A (22) Date of filing of : 30/04/2003 application

(54) Title of the Invention : "THRESHOLD CRYPTOGRAPHY SCHEME FOR MESSAGE AUTHENTICATION SYSTEMS"

(51) International classification : H04L 9/32, 9/30

(30) Priority Data :

(31) Document No. 60/253, 781

(32) Date : 29/11/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

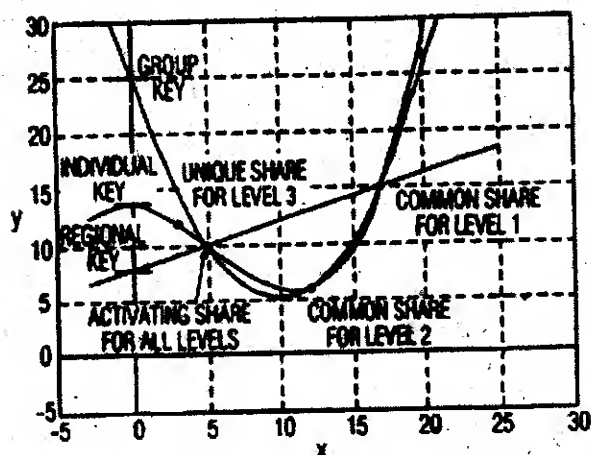
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : THOMSON LICENSING S.A., OF FRANCE, 46, QUAI A. LE GALLO, F-92648 BOULOGNE, CADEX, FRENCH COMPANY.

(72) Name of the Inventors : ESKICIOGLU, AHMET, MURSIT,

(57) Abstract : A method and apparatus for authenticating a message, said method including receiving, at a device, data representative of a first share, constructing a key using said first share and at least two additional shares, said at least two additional shares being stored at said device; and authenticating a message using said constructed key.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 553/KOL-NP/2003 A

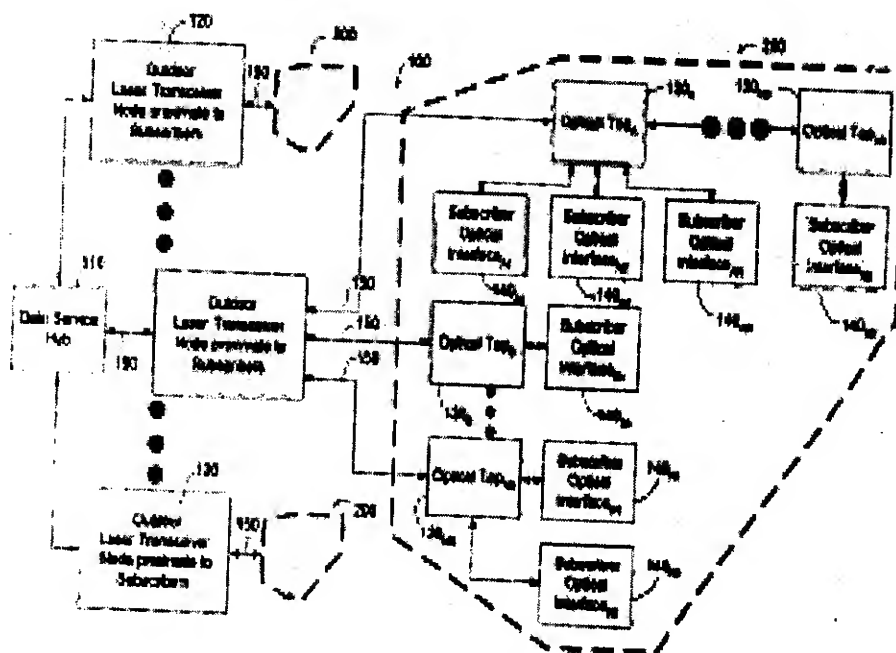
(22) Date of filing of : 30/04/2003  
application

(54) Title of the Invention : "SYSTEM AND METHOD FOR COMMUNICATING OPTICAL SIGNALS BETWEEN A DATA SERVICE PROVIDER AND SUBSCRIBERS"

<p>(51) International classification : H04B 10/207</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/237, 894, 60/244, 052, 60/243, 978, 60/258, 837 &amp; 60/289, 112</p> <p>(32) Date : 04/10/2000, 26/10/2000, 27/10/2000, 28/12/2000 &amp; 08/05/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : WAVE7 OPTICS, INC., OF SUITE 170, 1075 WINDWARD RIDGE PARKWAY, ALPHARETTA, GA 30005, U.S.A.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. FARMER JAMES O.,</li> <li>2. KENNY JOHN J.,</li> <li>3. QUINN PATRICK W.,</li> <li>4. TIGHE THOMAS A.,</li> <li>5. WHITTLESEY PAUL F.,</li> <li>6. VELLA EMMANUEL A.,</li> </ol>
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(57) Abstract :

An optical fiber network can include an outdoor laser transceiver node that can be positioned in close proximity to the subscribers of an optical fiber network. The outdoor laser transceiver node does not require active cooling and heating devices that control the temperature surrounding the laser transceiver node. The laser transceiver node can adjust a subscriber's bandwidth on a subscription basis or on an as-needed basis. The laser transceiver node can also offer data bandwidth to the subscriber in preassigned increments. Additionally, the laser transceiver node lends itself to efficient upgrading that can be performed entirely on the network side. The laser transceiver node can also provide high speed symmetrical data transmission. Further, the laser transceiver node can utilize off-the-shelf hardware to generate optical signals such as Fabry-Perot (F-P) laser transmitters, distributed feed back lasers (DFB), or vertical cavity surface emitting lasers (VCSELs).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 554/KOL-NP/2003 A

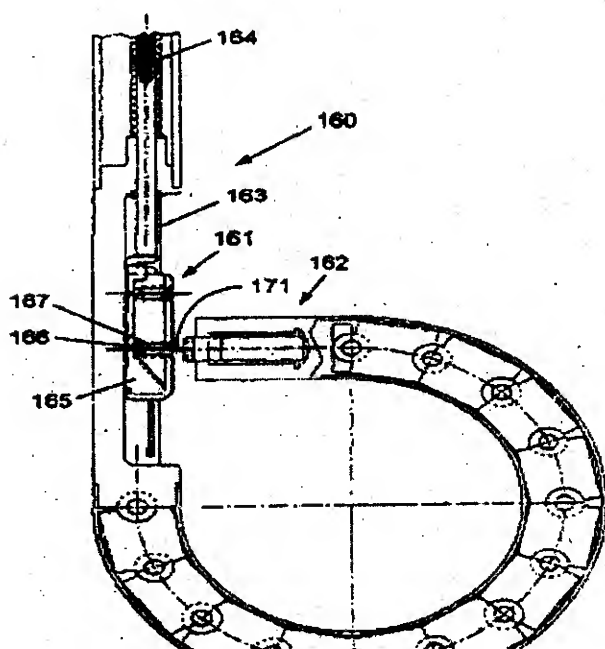
(22) Date of filing of : 30/04/2003  
application

(54) Title of the Invention : "STAPLER FOR ENDOSCOPES"

<p>(51) International classification : A61B 17/068</p> <p>(30) Priority Data :</p> <p>(31) Document No. 139788</p> <p>(32) Date : 20/11/2000</p> <p>(33) Name of convention country : ISRAEL</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : MEDIGUS LTD., OF P.O. BOX 3030, OMER INDUSTRIAL PARK, BLDG. D2 OMER, ISRAEL 94965, ISRAEL.</p> <p>(72) Name of the Inventors : 1. SONNENSCHNEIN ELAZAR, 2. SONNENSCHNEIN MINELU, 3. CRAINICH LAWRENCE.</p>
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**(57) Abstract :**

A stapling device for a surgical endoscopic device provided with at least one flexible portion, comprising a staple-firing portion and an anvil portion, wherein one of the staple firing portions and one of the anvil portions are located longitudinally displaced from one another along the longitudinal axis of the endoscopic device, with at least a part of said flexible portion between them. The parts of the stapling device are in correct working relationship when one or more alignment and/or locking pins or screws that are stored in one of the staple firing portions or one of the anvil portions are extended and engage and lock or screw into receptacles that have been provided on the other of the staple firing portion or of the anvil portion.



**अभिगृहित पूर्ण विनिर्देश**

एतद्द्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.



Int. Cl<sup>7</sup> : E04C 2/32, 2/08, 1/30, 1/12, 1/10

194961

Ind. Cl : 27E

Title : A CLADDING ELEMENT FOR USE IN A CLADDING  
ELEMENT ASSEMBLY AND A JOINT INCORPORATING  
THE SAME

Applicant : BHP STEEL (JLA) PTY. LTD, OF 600, BOURKE STREET  
MELBOURNE, VIC 3000 AUSTRALIA

Inventor : CAMPBELL JOHN SECCOMBE

Application no 690/CAL/1997 FILED ON 21.4.1997

(CONVENTION NO. PN 9409 FILED ON 22.4.1996 IN AUSTRALIA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 13CLAIMS.

A cladding element for use in a cladding element assembly, said element having a web and longitudinally extending side edges, one side edge being provided with an upstanding female rib formation having a proximal portion and a distal end portion and the other side edge being provided with an upstanding male rib formation having a proximal portion and a distal end portion able to enter the distal end portion of the female rib formation of another element and when so entered lockably engage the elements side to side characterized in that when so assembled the respective proximal portions make contact with one another so that the interengaging rib formations form in cross-section a closed loop extending from one contacting proximal portion to the other, said closed loop being in the form of an inverted triangle, and wherein the loop is closed by retention means formed in the respective contacting proximal portions.

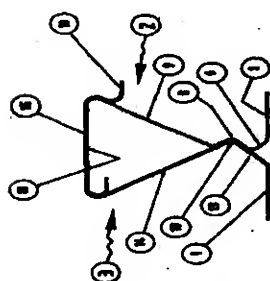


FIGURE 4

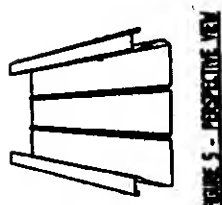
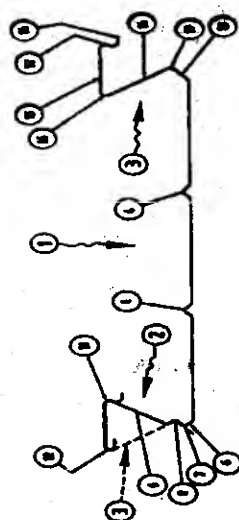


FIGURE 5 - PERSPECTIVE VIEW



Complete Specification :16 pages.

Drawing :2 sheets

Int. Cl<sup>7</sup> : B41J 3/413

Ind. Cl : 154D

Title : A PROTECTIVE MOUNTING DEVICE FOR THE PRINT HEAD OF INKJET MARKING SYSTEM

Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF DORANDA, RANCHI – 834 002 BIHAR, INDIA

Inventor : 1. SUBRATA KUMAR MOHAPATRA.  
2. SANJOY PARIDA  
3. SUSHANT RATH

Application no 614/CA/2002 FILED ON 28.10.2002

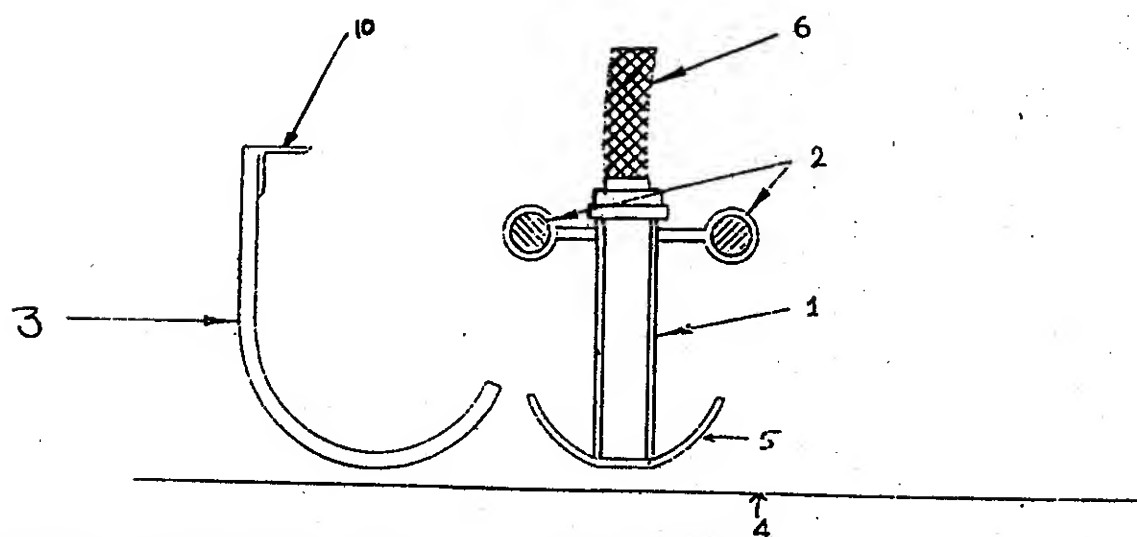
194962

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 9LAIMS.

A protective mounting device for the print head of inkjet making system, the device comprising :

- i) a print head casing (1) in which the print head (6) is adapted to be housed, said casing (1) having a bottom plate (5);
- ii) a pair of cross bars (2), said casing (1) and cross bars (2) being mounted on side support plate (9); and
- iii) a cylindrical baffle (3) adapted to protect said print head casing (1).



Complete Specification : 7 pages.

Drawing : 4 sheets

Int. Cl<sup>7</sup> : G11B 23/107 G11B 5/008

Ind. Cl : 105C

Title : REEL TABLE DRIVING DEVICE FOR A VIDEO CASSETTE RECORDER WITH A DECK

Applicant : DAEWOO ELECTRONICS CORPORATION OF 686 AHYEON-DONG, MAPO- GU, SEOUL KOREA.

Inventor : CHONG-TAE YANG

Application no : 1400/CAL/1997 FILED ON 28.7.1997

194963

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **3CLAIMS**

A reel table-driving device for a videocassette recorder (VCR) with a deck, which comprises:

a pulley (150) rotatably held by the deck;

a movably mounted driving gear (160) rotating integrally with the pulley (150), the driving gear (160) being movable up and down;

a first and a second idle gears (191) and (192) rotatably fixed on a post (193) fixed to a bracket (194) pivotably mounted to the deck, the first idle gear (191) being mounted axially above the second idle gear (192), the first and the idle gears (191) and (192) being frictionally coupled to each other through a friction member (195); and

an unit (170) and (180) for moving the driving gear (160) up and down to be selectively engaged with the first or second idle gear (191) or (192) depending on an operation mode of the VCR.

***Complete Specification : 9 pages.***

***Drawing :3 sheets***

Int. Cl<sup>7</sup> : H04B 7/26 H04J 7/22 13/02

Ind. Cl<sub>i</sub> : 206 (e)

Title : A PROCESS FOR ESTABLISHING SIMULTANEOUS CONNECTIONS IN MAINTENANCE OF STANDARD INFORMATION TRANSMISSION RATE OVER A RADIO-INTERFACE OF A MOBILE COMMUNICATION SYSTEM

Applicant : SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2,80333, MUENCHEN, GERMANY.

194964

Inventor : GERHARD RITTER

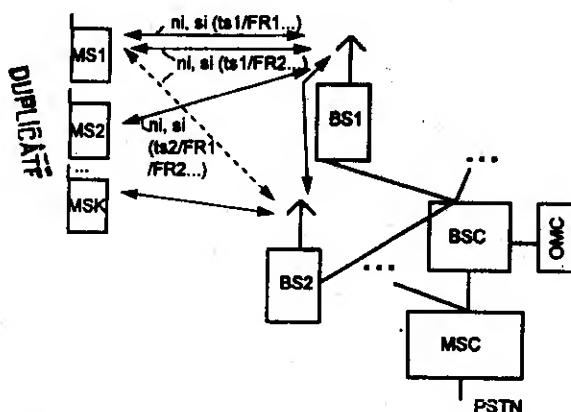
Application no : I580/CAL/1998 FILED ON 2.9.1998  
(CONVENTION NO. 19747452.7 FILED ON 27.10.1997 IN GERMANY.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

**15CLAIMS.**

Method for information transmission via radio interface in a mobile communications system which uses a time-division multiplexing method (for example TDMA) for a number of connections between mobile stations (MS1, MS2, MSK) and base stations (BS1, BS2) and, in the process, in each case transmits information items (ni, si) for an existing connection between a mobile station (MS1) and a base station (BS1) in timeslots (ts1 ...ts8) in recurring time frames (FR1, FR2), characterized

in that the number of timeslots (for example ts1) which are used in at least two time frames (FR1, FR2) for transmitting the information items (ni, si) for a connection which exists between a mobile station ( MS1 ) and a base station ( BS1 ) is reduced, and the transmission rate for the information items contained in the remaining timeslots ( for example ts 1/FR2 ) is increased, and

in that the free timeslots (for example ts 1/FR2) which result from the reduction are used for simultaneous transmission of information items (ni, si) for at least one parallel connection, which is independent of the existing connection, between the same mobile station (MS1) and a base station (BS1, BS2).



Complete Specification :15 pages.

Drawing :3 sheets

Int. Cl<sup>7</sup> : F41F 3/08

Ind. Cl : 10D, 169C

Title : CONTAINER FOR STORING AND LAUNCHING A LIGHT TORPEDO TYPE WEAPON

Applicant : ETAT FRANCAIS OF BATIMENT LA ROTONDE, 26, BOULEVARD VICTOR 00460, ARMEES, FRANCE.

Inventor : 1. HENRT MARCHAT  
2. JEAN-PIERRE BOISSINOT  
3. JACKY SURGET  
4. MICHEL JOLET  
5. MICHEL FORESTIER.

194965

Application no 1528/CAL/1998 FILED ON 26.08.1998

(CONVENTION NO. 97 10741 FILED ON 28.8.1997 IN FRANCE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES

2003) PATENT OFFICE KOLKATA.

**7CLAIMS.**

A container for storing and launching a light torpedo type weapon, comprising :

stacking means ;

an arming interlock device connected to the weapon ;

a remote control device connected to the weapon and having a remote control connector ;

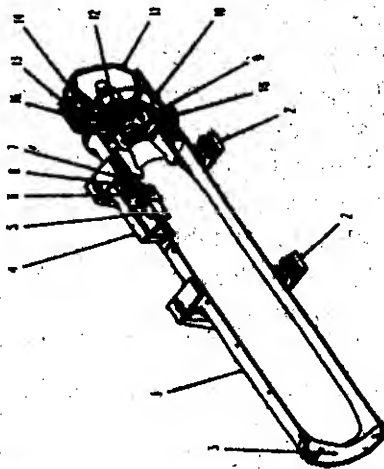
compressed air storing and releasing means for storing and releasing compressed air necessary for simultaneously launching the weapon and separating the arming interlock device and the remote control device ;

extracting means for allowing the compressed air to arrive at a device for extracting the remote control connector ;

a front plug, the ejection of the front plug being caused by an overpressure inside the container, and the ejection taking place during firing and before the weapon has traveled a distance such that it is separated from the front plug ;

deactivating means for deactivating a torpedo holding system ; and

locking means for maintaining the locked position of a pin.



Complete Specification : 11 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : B65G 15/02

194966

Ind. Cl : 116C

Title : METHOD FOR REPETITIVELY GENERATING A SEQUENCE OF PRESCRIBED LINEAR MOVEMENTS OF A MOVEABLE TABLE IN A MACHINE AND APPARATUS THEREFOR

Applicant : GENERAL LABELS & LABELLING (M) SENDIRIAN BERHAD  
7, JALAN TAMMING SATU, TAMING JAYA INDUSTRIAL PARK  
BALAKONG, 43300 SELANGOR MALAYSIA.

Inventor : 1. MR. SOH NGANG  
2. MR. SOO PAK WENG

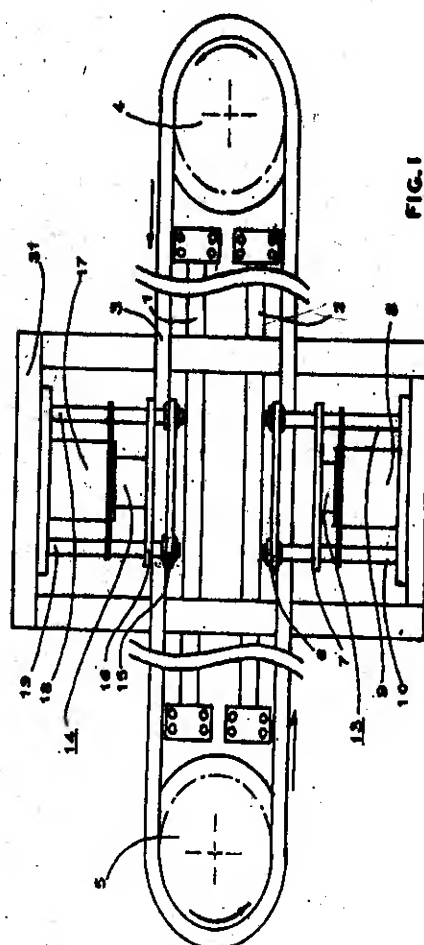
Application no 2034/CAL/1997 FILED ON 20.10.1997

(CONVENTION NO. PI 9604503 FILED ON 30.10.1996 IN MALAYSIA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 14 CLAIMS.

A method for repetitively generating a sequence of prescribed linear movements of a moveable table in a machine, characterised in that a moving endless flexible loop, at any part of the moving loop between two rotatable end wheels separately located from the moveable table, upon which wheels the loop is unslippably mounted and caused to move around at a predetermined speed, is gripped, held and then released by one or two or more releasable gripping mechanisms attached to a table constrained to be able to move in a substantially horizontal line closely parallel to the plane of the flexible loop, so that the table is caused to make a single movement along its constrained path, in one direction if part of the loop moving in that direction is held by one releasable gripping mechanism or in the reverse direction if part of the loop moving in the opposite direction is held preferably by another releasable gripping mechanism, each releasable gripping mechanism being actuated repeatedly or one after the other to generate a prescribed sequence of table movements which eventually returns the table to its original starting position from which the sequence of table movements is repeated by repeating the pattern of actuation of the releasable gripping mechanisms.



Complete Specification : 12 pages.

Drawing : 4 sheets

Int. Cl<sup>7</sup> : B21B, G05B B21B 37/12 37/14 G05B 17/00

194967

Ind. Cl. : 129

**A METHOD FOR CONTROLLING AND PRECONFIGURING A STEEL WORKS OR PARTS OF A STEEL WORKS.**

Applicant : SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, 80333, MUENCHEN, GERMANY.

Inventor : 1. DR. MARTIN SCHLANG  
2. FRANK-OLIVER MALISCH  
3. DR. OTTO GRAMCKOW

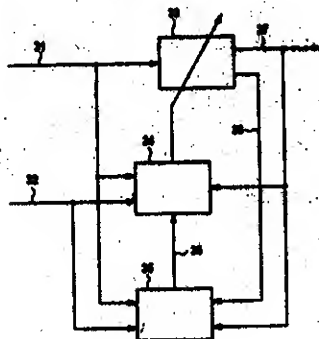
Application No: 945/CAL/1998 FILED ON 26.5.1998

(CONVENTION NO. 19731980.7 FILED ON 24.5.1998 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 11 CLAIMS.

Method for controlling and preconfiguring a steel works or parts of a steel works, in particular for controlling and preconfiguring a rolling stand or a rolling mill train for rolling a strip, the steel works, the parts of the steel works, the rolling stand or the rolling mill train being controlled or preconfigured by means of a model of the steel works, that parts of the steel works, the rolling stand or the rolling mill train, the model having at least one neural network whose parameters are matched or adapted to the actual conditions in the steel works, in parts of the steel works, in the rolling stand or in the rolling mill train, in particular to the properties of the strip, characterized in the rate at which the parameters are matched or adapted to the actual conditions in the steel works, in parts of the steel works, in the rolling stand or in the rolling mill train, in particular to the properties of the strip, is varied as a function of at least one of three variables such as information density, expected error, and current error, and in that an error distinction in each case being evaluated, the target value of the adaptation of the network being selected in accordance with such a case distinction.



Complete Specification : 16 pages.

Drawing : 2 sheets.

Int. Cl<sup>7</sup> : F16D 25/06

Ind. Cl : 127, 102B

Title : ACTUATOR SYSTEM FOR VEHICULAR AUTOMATED CLUTCHES WITH ELECTRIC MOTOR ACTUATOR AND PRESSURIZED OVERRIDE

Applicant : EATON CORPORATION OF 1111 SUPERIOR AVENUE CLEVELAND, OHIO 44114, USA

Inventor : IAN RICHARD BATES JOSEPH

194968

Application no 1480/CAL.1997 FILED ON 11.8.1997  
(CONVENTION NO. 9617930.4 FILED ON 26.8.1996 IN UK)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

**14CLAIMS.**

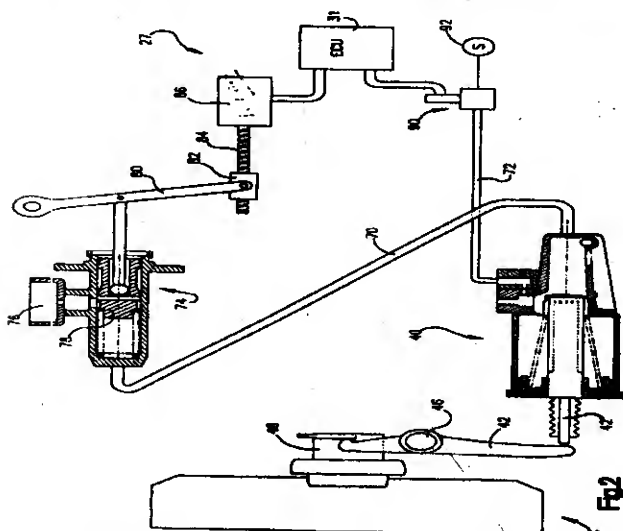
A clutch actuation apparatus for an automated vehicular master clutch, said apparatus comprising :

A clutch control member (42) movable in a first axial direction to urge said clutch into engagement and in a second axial direction, opposite said first axial direction , to urge sand clutch into disengagement;

An actuator housing defining a cylinder slidably and sealingly receiving a first piston, said control member axially movable with said first piston, said first cylinder and said first piston defining a selevtively pressurized and exhausted first chamber , pressurization of which is effective to urge said first piston in said second axial direction;

An electric motor-actuated device axially movable in said housing, independent of said first piston, said electric motor-actuated device abutable with said first piston upon movement of said electric motor-actuated device in said axial direction; and

Biasing means for resiliently biasing said first piston in said first direction and into abutting contact with said electric motor-actuated device.



Complete Specification :12 pages.

Drawing :3 sheets



Int. Cl<sup>7</sup> : F16D 23/06

Ind. Cl : 127A

Title : AN IMPROVED PIN-TYPE SYNCHRONIZER

Applicant : EATON CORPORATION OF 1111 SUPERIOR AVENUE  
CLEVELAND, OHIO 44114, USA

194969

Inventor : 1. JAMES DUKE GLUYS  
2. TIMOTHY SCOTT SMITH

Application no 80/CAL/1999 FILED ON 3.02.1999  
(CONVENTION NO. 09/017,993 FILED ON 3.2.1998 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 7CLAIMS.

An improved pin-type synchronizer comprising:

first and second gears (114,116) disposed for rotation about a shaft (112) having an axis (112a), the first gear for producing a greater drive torque to the shaft than the second gear;

a hub (112d) affixed to the shaft (112) concentric to the axis (112a) and between the gears (114,116) and having an axial length defined by axially oppositely facing first and second ends (112e, 112f) thereof respectively facing in the direction of the first and second gears, an outer circumference of the hub having external splines (112g) having a axial length substantially the same as the hub axial length;

first and second jaw teeth (130,132) respectively affixed to the first and second gears (114,116);

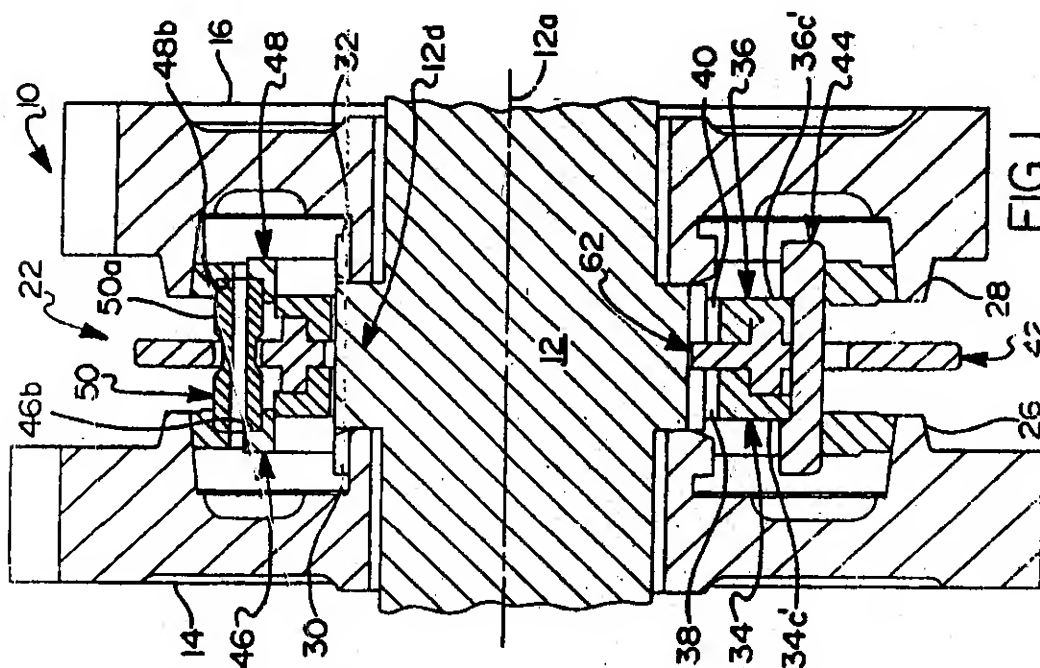
first and second friction rings (126,128) respectively affixed to the first and second gears (114,116), and third and fourth friction rings (146,148) respectively movable into engagement with the first and second friction rings in response to a bi-directional axial shift force ( $F_s$ ) for producing a synchronizing torque;

axially movable shift means (142) comprising internal splines (138,140) mating with the hub external splines (112g) and having third and fourth jaw teeth (138,140) respectively engagable with the first and second jaw teeth (130,132) of the gears (114,116) in response to engaging movement of the shift means from a neutral position by the shift force ( $F_s$ );

blocker means (50c,50d,42c) movable into engagement in response to the engaging movement of the shift means (142) for preventing asynchronous engagement of the jaw teeth and for transmitting the shift force ( $F_s$ ) to the friction rings;

first and second self-energizing means (162,120) respectively affixed to a part of the shift means (142) and the hub (112d) and having ramp surfaces operative when engaged to react the synchronizing torque for producing an additive axial force ( $F_a$ ) in the direction of the shift force ( $F_o$ ) for increasing the engagement force of the engaged friction rings, the first self-energizing means (162) having a first central portion (162f) and first and second of the ramp surfaces (162c,162b) respectively facing axially on angles away from the central portion in the direction of the second and first gears (114,116), and the second self-energizing means (120) having a second central portion (120f) and third and fourth of the ramp surfaces (120c,120b) respectively extending away from the second central portion and respectively parallel to the first and second ramp surfaces (162c,162b), the central portions circumferentially aligned during the neutral position of the shift means; characterized in that;

the second central portion (120f) of the second self-energizing means is (120) disposed at a position axially closer to the hub second end (112f) facing the second gear (116) for providing a greater axial engaged length of the internal and external splines (138,112g) when the jaw teeth connecting the first gear (114) to the shaft (112) are engaged.



Complete Specification : 17 pages.

Drawing : 4 sheets

Int. Cl<sup>7</sup> : F16H 5/40, 5/52

Ind. Cl : 127A

Title : DOWNSHIFT CONTROL METHOD/SYSTEM FOR VEHICULAR AUTOMATED MECHANICAL TRANSMISSION.

Applicant : EATON CORPORATION OF 1111 SUPERIOR AVENUE CLEVELAND, OHIO 44114, USA

Inventor : 1. ANTHONY STASIK  
2. MICHAEL D. WHITEHEAD

Application no 1479/CAL/1997 FILED ON 11.8.1997  
(CONVENTION NO. 9617956.9 FILED ON 28.08.1996 IN UK)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

194970

**8CLAIMS.**

A method for downshifting an automated mechanical transmission comprising:

sensing selection of a downshift from a currently engaged ratio into a target gear ratio ( $GR_T$ );

causing the transmission to be shifted into neutral;

causing the vehicle master clutch to be engaged;

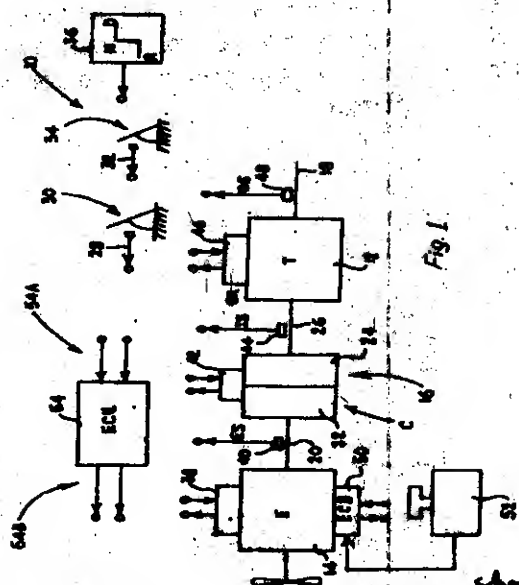
sensing engine speed (ES) and output shaft speed (OS) and memorizing at least the maximum value for engine speed ( $ES_{MAX}$ );

commanding engine speed to equal a synchronous engine speed for engaging the target gear ratio ( $ES = OS \cdot GR_T$ );

said method characterized by:

initiating a timing sequence; and

if after a predetermined period of time ( $T > REF$ ) sensed engine speed remains less than said synchronous engine speed for engaging said target gear ratio, automatically operating in a degraded mode of operation determining a degraded mode target gear ratio ( $GR_{DMT}$ ) as a ratio for which the maximum sensed engine speed ( $E_{MAX}$ ) will equal or exceed a synchronous engine speed at current output shaft speed ( $ES_{MAX} > OS \cdot GR_{DMT}$ ).



Complete Specification : 12 pages.

Drawing : 3 sheets

Int. Cl<sup>7</sup> : H04Q 7/20

Ind. Cl : 206(K)

Title : AN APPARATUS FOR MINIMIZING EXTERNAL INTERFERENCE SIGNALS IN A CODE DIVISION MULTIPLE ACCESS (CDMA) MOBILE PHONE

Applicant : SAMSUNG ELECTRONICS, OF CO. LTD OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA

Inventor : SUN CHO  
HEE-DEONG KIM

Application no : 1595/CAL/1997 FILED ON 29.8.1997  
(CONVENTION NO. 49743/1996 FILED ON 29.10.1996 IN KOREA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

194971

**8CLAIMS.**

An apparatus for minimizing external interference signals in a code division multiple access (CDMA) mobile phone, comprising:

a damping device for adjustably attenuating signals received from an antenna;

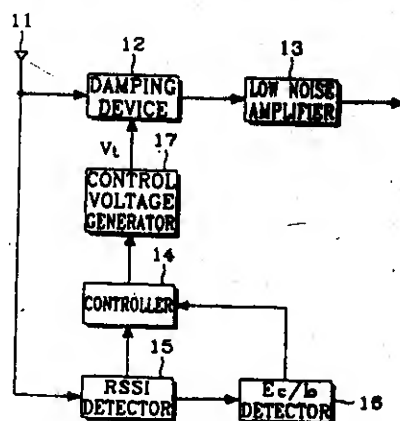
a memory for storing a plurality of information comprising a plurality of predetermined control voltage values, a received signal strength indicator (RSSI) data classified into a plurality grades for each of said control voltage values, a reference value data classified into a plurality of grades for each RSSI to meet a given signal receiving condition, and a control voltage change data corresponding to said reference value data;

an RSSI detector for detecting said RSSI of a received signal;

a detector for detecting said reference value from said detected RSSI;

a control voltage generator for generating the control voltage to adjust attenuation levels of said damping device; and

a controller for evaluating the difference between the signals received and external interference signals by analyzing said control voltage and the detected RSSI based on the information stored in said memory, and for adjusting said control voltage according to said difference.



Complete Specification : 20 pages.

Drawing : 7 sheets

Int. Cl'	:	G08B 13/24	194972
Ind. Cl	:	206E	
Title	:	PASSIVE MARKER FOR UNDERGROUND USE	
Applicant	:	INDUSTRIAL TECHNOLOGY, INC. OF 6100, COLUMBIA STREET, MINERAL WELLS, TEXAS 76067, USA	
Inventor	:	GEORGE GLENN GALLOWAY	
Application no	:	2338/CAL/1997 FILED ON 10.12.1997	

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.**

**25CLAIMS.**

**A passive marker comprising:**

- a) two or more tuned circuits, with each of said tuned circuits comprising an inductance and a capacitance, each of said inductances having an axis;
- b) said tuned circuits being oriented such that said axes are angled with respect to each other: and
- c) said oriented tuned circuits being contained within a housing, wherein said tuned circuits are capable of producing a broad directional response, said housing electrically insulating said tuned circuits from any transmitter or receiver.

**Complete Specification : 20 pages.**

**Drawing : 12 sheets**

Int. Cl<sup>7</sup> : A61M 25/02

Ind. Cl : 128K

Title : A CONTROLLED MOTION LOCK DEVICE FOR PROTECTING  
A CANNULA OF A CATHETER INSERTION SYSTEM AND  
A METHOD OF ACTUATING THE DEVICE

Applicant : JOHNSON & JOHNSON MEDICAL INC, OF 2500, ARBROOK  
BLVD, ARLINGTON, TEXAS 76004, USA

194973

Inventor : PHILIP SCHMIDT

Application no 1672/CAL/1997 FILED ON 11.9.1997  
(CONVENTION NO. 08/716575 FILED ON 19.9.1996 IN USA.)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**11 CLAIMS.**

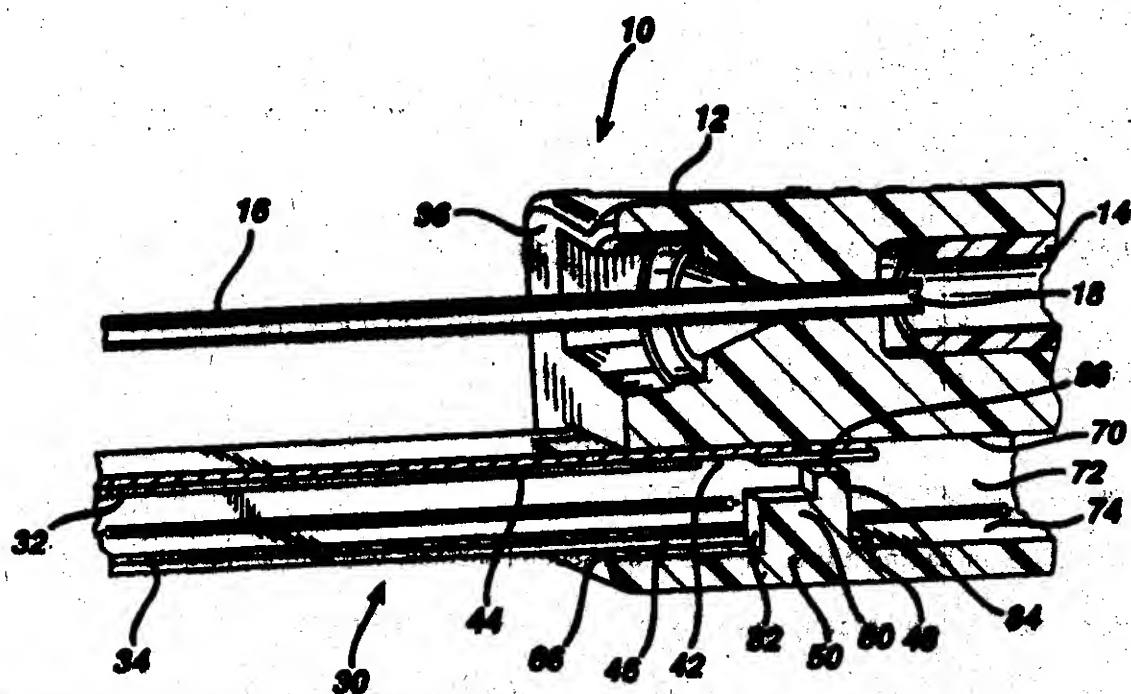
A controlled motion audible lock device for protecting a cannula (16) of a catheter insertion system, comprising:

- a housing (12) for receiving a first end of a cannula, said cannula (16) extending from an end of said housing (12) coaxially with a longitudinal axis of said housing (12) and having a sharp-tipped point (22) at a second end adapted to introduce a catheter (10) into a patient;
- slide means (32,34) axially slidable within a longitudinal recess formed in said housing (12) so as to be extendable from the end of said housing (12) receiving said cannula (16) in parallel spaced relationship with said cannula (16), said slide means (32,34) comprising:

- (i) a first slide member (34) in slidable contact with wall surfaces of said housing recess, a lateral protuberance (48) on said first slide member (34) being engageable with a locking post structure (50) formed in said housing recess for limiting the extent of outward movement of said first slide member (34) from said housing (12);
- (ii) a second slide member (32) arranged within said first slide member (34) so as to be axially displaceable with respect to said first slide member (34); a protector housing (38) being mounted on a leading end (37) of said second slide member (32);

characterized in that said first slide comprises a deflectable tab (90) locking said first slide member (34) to said locking post (50) upon said second slide member (32) being extended, said second slide member (32) comprising a window (100) locking said second slide member (32) to said first slide member (34) in the outermost extended positions of said slide members (32,34) generating an audible signal indicative thereof, and in that said protector housing (38)

194973



Protectively extends about the sharp-tipped point (22) of the cannula (16).

Complete Specification : 23 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : B32B 7/12

Ind. Cl : 143 D5

Title : ADHESIVE TAPE

Applicant : SEAL KING IND. CO. LTD, OF 14-2F, NO. 888 GIN-KUO ROAD  
YAOYUAN, TAIWAN, R.O.C

Inventor : WANG, CHUNG-CHIN

Application no : 163/CAL/2002 FILED ON 4.7.2000

194974

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

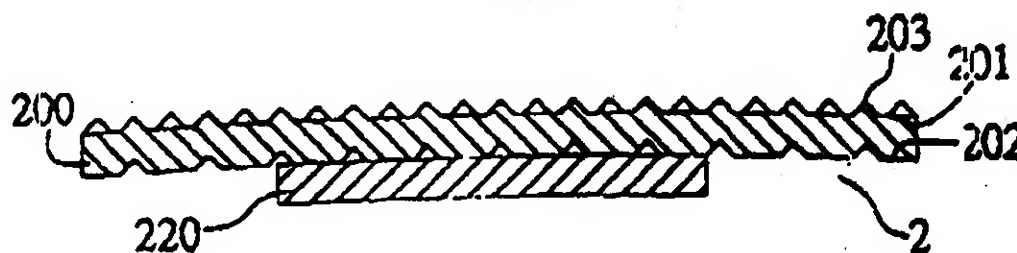
### 7CLAIMS.

An adhesive tape, comprising:

a peel-off layer having a first surface and a second surface, wherein a plurality of protruding portions protruding upwardly are formed on the first surface; and

an adhesive layer formed on the second surface of the peel-off layer, for being adhered to a surface of an external object, wherein the adhesive layer is dimensioned to be smaller in surface area than the peel-off layer, and adhesion

Force between the adhesive layer and the surface of the said external object is greater than that between the adhesive layer and the peel-off layer.



*Complete Specification : 9 pages.*

*Drawing : 3 sheets*



Int. Cl' : H01R 9/24

194975

Ind. Cl : 64 B1

Title : TERMINAL, ISOLATING OR CONNECTING STRIP

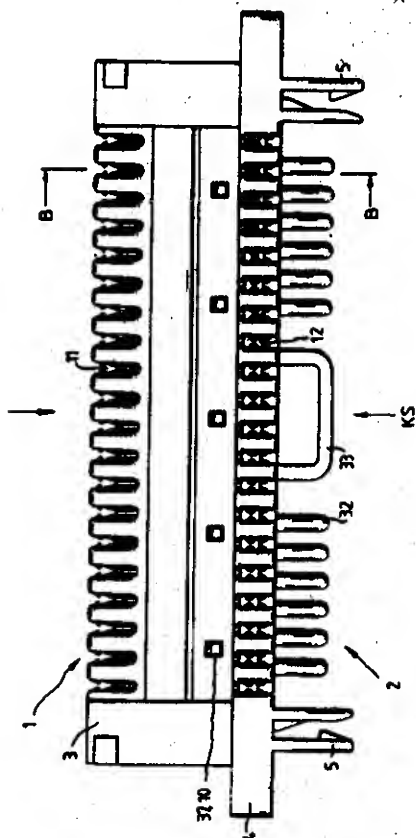
Applicant : KRONE GMBH OF BEESKOWDAMM 3-11, NO. 14167  
BERLIN, GERMANYInventor : 1. DIETER GERKE  
2. MANFRED MULLER  
3. HARALD BULOW  
4. PETER MEURERS

Application no 2322/CAL/1997 FILED ON 8.12.1997

(CONVENTION NO. 19652422.9 FILED ON 9.12.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.**14CLAIMS.**

A terminal, isolating or connecting strip for telecommunications and data technology having contact elements and having a retaining device, characterised in that contact elements (7,8) are introduced into the two insulating bodies (3,4) which are disposed at an angle with respect to one another, which contact element (7,8) are formed over two planes and form two rows of terminal strips (1,2) which are at an angle with respect to one another, one insulating body (4) having fastening element (5,6).



Complete Specification : 12 pages.

Drawing : 7 sheets

Int. Cl<sup>7</sup> : B32 B3/12 F01N 3/28

194976

Ind. Cl : 6A(2)

Title : A HONEYCOMB BODY ARRANGEMENT

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE  
MBH, OF HAUPTSTRASSE 150, D-53797 LOHMAR, GERMANY

Inventor : WOLFGANG MAUS

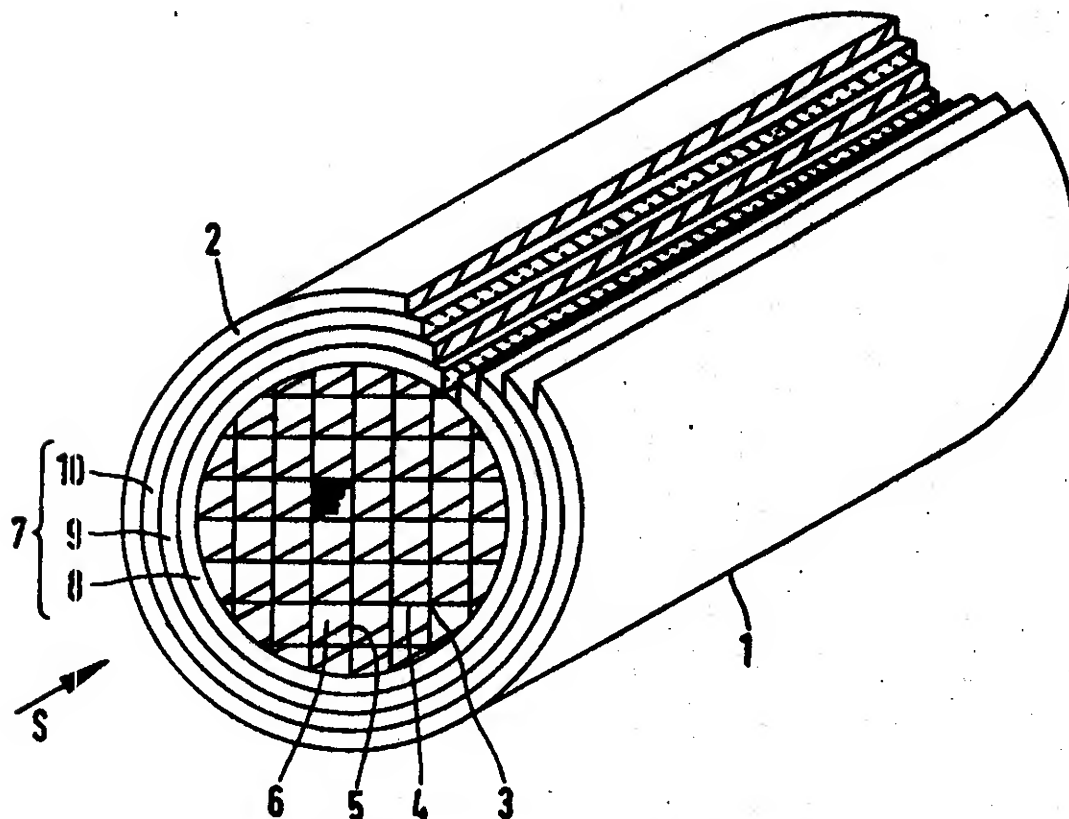
Application no 1989/CAL/1998 FILED ON 10.11.1998

(CONVENTION NO. 19800926.7 FILED ON 13.1.1998 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 17CLAIMS.

A honeycomb body arrangement (1) having a housing (2) in which a honeycomb body (3) surrounded by an intermediate layer (7) is arranged, wherein the intermediate layer (7) contains a plurality of layer positions (8,9,10) which are formed from at least one metal sheet (9,11) and at least one layer (8,10) of ceramic material.



Complete Specification : 11 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : C02F 3/00 C02F 3/02 C02F 3/34

Ind. Cl : 164A

Title : IMPROVED BIO-CHEMICAL PROCESS FOR CONVERSION  
OF NITROGENOUS COMPOUND PRESENT IN WASTE  
WATER.

Applicant : STEEL AUTHORITY OF INDIA LIMITED,  
OF DORANDA, RANCHI – 834 002 BIHAR, INDIA

Inventor 1. PRANAB DAS  
2. SUBRATA BHATTACHARYYA  
3. HARI DUTTA PANDEY

Application no 181/CAL/2000 FILED ON 28.3.2000

194977

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 11 CLAIMS

An improved biochemical process for conversion of nitrogenous compound present in the waste water from coke oven so as to produce nitrate nitrogen comprising:

treating the waste water so as to remove sludge;

subjecting the waste water to biodegradation reaction in bioreactors in the presence of bacteria to effect a nitrification reaction, controlling the flow of the waste water in order to maximize the nitrification reaction and controlling the rate of air supply into the bioreactors and providing a pH—I of between 7-9 to effect optimum nitrification of the nitrogenous compounds present in waste water.

Complete Specification : 12 pages.

Drawing : 1 sheet

Int. Cl<sup>7</sup> : H04N 7/16 G06K 19/07

Ind. Cl : 206 (C)

Title : METHOD OF DOWNLOADING AN EXECUTABLE APPLICATION INTO A DECODER, AND A DECODER AND SMARTCARD THEREFOR

Applicant : CANAL+SOCIETE ANONYME OF 85/89; QUAI ANDRE CITROEN 75711, PARIS, CEDEX 15, FRANCE.

Inventor : JEAND-CLAUDE SARFATI

Application no : 2292/CAL/1997 FILED ON 4.12.1997

194978

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

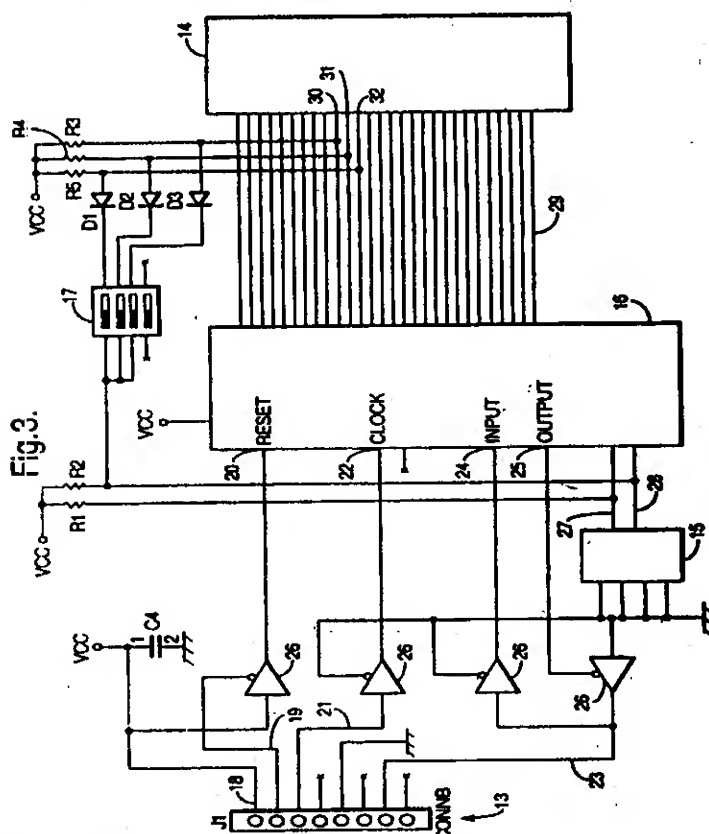
### 19CLAIMS.

A method of downloading an executable application into a decoder that is able to receive broadcast data in a broadcast data format, said method comprising the steps of :

Storing the executable application on a smartcard (12) in a packet organization format corresponding to said broadcast data format;

Introducing the smartcard into a smartcard reader located in the decoder;

Downloading the executable application into the decoder from the smartcard according to the packet organization format.



Complete Specification : 16 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : H04N 7/00 5/00

Ind. Cl : 206 (C)

Title : DIGITAL TELEVISION SYSTEM, DECODER FOR USE  
IN SAID SYSTEM, AND METHOD FOR TRANSMITTING  
DIGITAL AUDIOVISUAL INFORMATION.

Applicant : CANAL+ SOCIETE ANONYME OF 85/89, QUAI ANDRE  
CITROEN 75711, PARIS, CEDEX 15, FRANCE

Inventor : 1. DANIEL THOMAS  
2. GUILLAUME DE SAINT MARC

Application no : 2291/CAL/1997 FILED ON: 4.12.1997

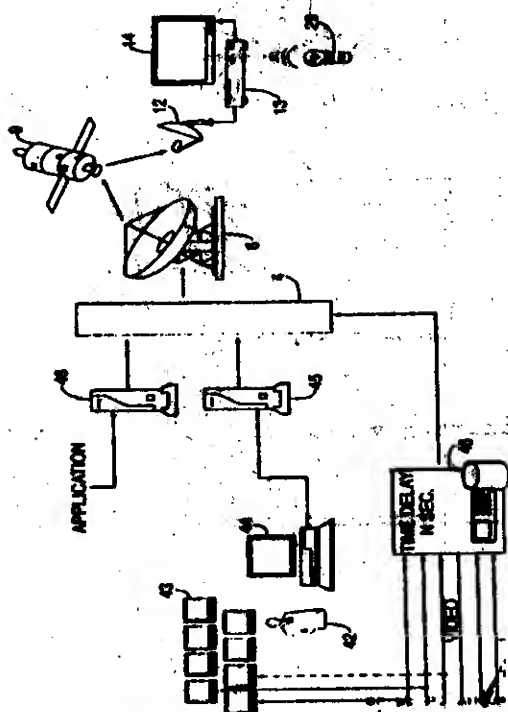
194979

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 31CLAIMS.

A digital television system having transmission means (4, 6) for  
transmitting digital audiovisual information on a plurality of channels (41),  
wherein the transmission means has a delay device (48) for introducing  
a predetermined delay into the transmission time of the audiovisual information

broadcast on each of the channels, and the system has means (44, 45) for introducing in  
real time an event message concerning a live event broadcast on at least one channel into  
the datastream of at least one other channel, the event message having information regarding  
the occurrence of an event and the channel on which the event will occur, so that a change of  
channel in response to said event message allows a viewer to see both the build-up to the  
event and the event itself



Complete Specification : 21 pages.

Drawing : 4 sheets

Int. Cl<sup>7</sup> : A01G 025/00

Ind. Cl : 5A

Title : A RESERVOIR CONTAINER ASSEMBLY FOR GROWING PLANTS.

Applicant : CARROLL M GERALDSON OF 111, 99<sup>TH</sup> STREET, N.W  
BRANDENTON FL 34209, USA.

Inventor : CARROLL M GERALDSON

Application no : 498/CAL/1998 FILED ON 25.3.1998

194980

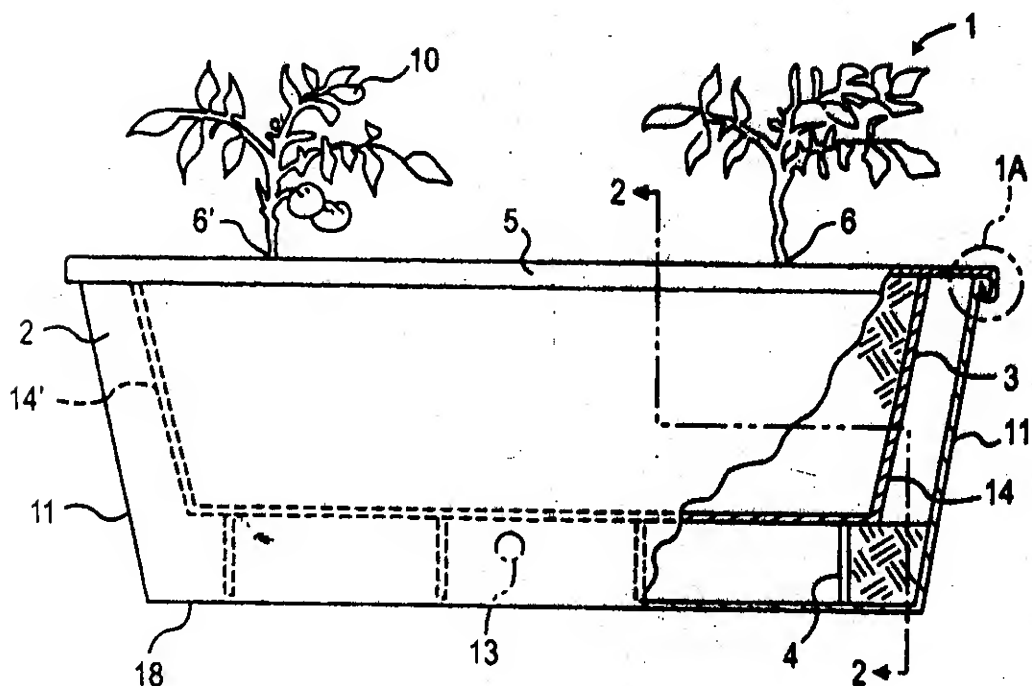
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 11 CLAIMS.

A reservoir container assembly (1) for growing plants which comprises:

(a) a container (2) suitable for holding liquid including a bottom wall (18), at least one side wall (11, 11', 12, 12') and a top wall portion (5) which, in use, faces substantially upwardly and has at least one opening (6) for allowing plant growth therethrough; and

(b) a perforated basket (3) suitable for holding a plant growing medium (17) and having a perforated bottom wall (9) and at least one side wall (14, 14', 15, 15'), said perforated basket (3) being nested within said container (2) in a manner whereby the at least one side wall (14, 14', 15, 15') of the perforated basket (3) is spaced inwardly from the at least one side wall (11, 11', 12, 12') of the container (2) to define an air/water volume (8) such that moisture and air from the air/water volume (8) can pass into the perforated basket (3).



Complete Specification : 22 pages.

Drawing : 5 sheets

Indian Classification : 9A 194981

International Classification<sup>7</sup> : B05D 1/24; H02K 15/12

Title : "AN IMPROVED PROCESS FOR THE PREPARATION OF OXIDE COATED ALUMINIUM AND ITS ALLOYS."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).

Inventors : DEVARAJ KANAGARAJ  
SYSAI VINCENT  
JEEVARATHINAM KENNEDY  
VENKATASUBRAMANIAN LAKSHMI NARASIMHA  
YEGNANARAYANAN MHADEVA IYER - ALL INDIAN

Kind of Application Complete

Application for Patent Number 377/Del/1998 filed on 13<sup>th</sup> Feb. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

(4 Claims)

An improved process for the preparation of oxide coated aluminium or its alloys which comprises polishing, degreasing and cleaning the aluminium or aluminium alloy to be coated by conventional method, desmutting in nitric acid and followed by washing, subjecting it to anodic coating using sulphamic acid in the concentration range of 10 to 15% w/v as electrolyte using graphite as cathode at 30° to 40° using pulse current having on/off time ranging from 1 sec to 100 secs for 40 to 60 minutes, recovering the oxide coated aluminium/aluminium alloy after washing and drying the substrate.

(Complete Specification 7 Pages Drawings Nil Sheet)

Indian Classification : 202 C 194982

International Classification<sup>7</sup> : C08L 91/06

Title : "A PROCESS FOR THE PRODUCTION OF WAX FROM SYNTHESIS GAS OVER A PROMOTED IRON CATALYST."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies' Act (XXI of 1860).

Inventors : SAMIRAN BASU, GORA CHAND NANDI, PRADIP KUMAR BASU, SATYA BRATA BASU, SUNIL KUMAR MITRA, SUKHENDU MISRA, YOGESH CHANDRA DASANDHI, UJJAL BHATTACHARJEE, SUBHENDU SEKHAR BHATTACHARJEE - All are Indians

Kind of Application : Provisional-Complete

Application for Patent Number 1731/Del/94 filed on 30<sup>th</sup> Dec. 1994.  
Complete left after Provisional on 27.3.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

( 3 Claims )

An improved process for the preparation of was from synthesis gas which comprises passing the synthesis gas through an iron catalyst prepared by the process as herein described, at a temperature in the range of 180 - 250<sup>0</sup>C a pressure in the range of 12 to 30 Kg/sq.cm a space velocity in the range of 300 to 650 h, condensing the resulting gas and separating the wax formed by conventional methods.

(Provisional Specification 7 Pages Drawing Nil sheets.)  
(Complete Specification 9 Pages Drawings Nil Sheet)



Indian Classification 55E. 194983

International Classification<sup>7</sup> A61K 35/78 ; 7/25

Title "A PROCESS FOR PREPARATION OF AN ANALGESIC OR TOOTHACHE PAIN-RELIEVING AND SUBSTANTIALLY CLOVE OIL-FREE, REFRESHING HERBAL COMPOSITION"

Applicant COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi- 110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors ANIL KUMAR SINGH. -INDIAN  
RATAN LAL BINDRA -INDIAN  
RASHMI GUPTA -INDIAN  
YOGENDRA NATH SHUKLA -INDIAN  
SUSHIL KUMAR -INDIAN

Kind of Application COMPLETE/CONVENTION

Application for Patent Number 1203/DEL/2001 filed on 29/11/2001

Convention No. 09/752,822/03/01/2001/USA

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 10 )

A process for preparing of an analgesic or toothache pain-relieving and substantially clove oil-free, refreshing herbal composition, said process comprising:  
mixing 50-60% wt. of betle extract (from Piper betle leaves); 40-50% wt. of group I essential oil selected from *Levander officinal*, *Dementholised oil (ex-Mentha arvensis)*, Fennel oil and *Ocimum gratissimum* or mixtures thereof in the range of 25 to 100%; 3-5% wt. of group II essential oils *Ocimum Sanctum* or their isolates selected from Pulegone (ex *Mentha pulegonium*), Carvone (ex-Dill seed) and Menthol (ex *Mentha arvensis*) or mixtures thereof in the range of 25 to 100%; 1-5% wt. of group III essential oils or mixture thereof in the range of 25 to 100% selected from Camphor, turpentine oil, Cedarwood oil and Saffrole oil; with 0.5%-2% wt. of Thymol; heating the above mixture at a temperature in the range of 60-70°C for a period in the range of ¼ to 1 hour; cooling it to ambient temperature and mixing 0.25-1% wt. of preservative/antioxidant as herein described to obtain the desired product.

Agent

Complete Specification

No of  
Pages

12

Drawings  
Sheets

00

Indian Classification

194984

International Classification<sup>7</sup>

:- C07 101/00 ; A 61 K 31/21

Title

:- "A PROCESS FOR THE PREPARATION OF F 3-SUBSTITUTED AMINO-3-GLYXOSYLATED PROPANOATES USEFUL AS ANTIFUNGAL AND ANTIBACTERIAL AGENTS".

Applicant

:- COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH, Rafi Marg, New Delhi- 110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors

:- RAMA PATI TRIPATHI -INDIAN  
BIJOY KUNDU -INDIAN  
PRAVEEN KUMAR SHUKLA -INDIAN  
SUDHIR SINHA -INDIAN  
RANJANA SRIVASTAVA -INDIAN  
KISHORE KUMAR SRIVASTAVA -INDIAN  
VINITA CHATURVEDI -INDIAN  
ANIL SRIVASTAVA -INDIAN  
BRAHM SHANKAR SRIVASTAVA -INDIAN

Kind of Application

:- COMPLETE

Application for Patent Number

1272/DEL/2001

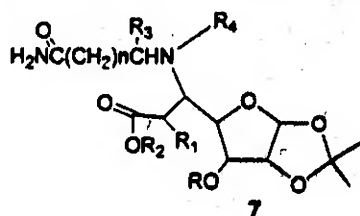
filed on

24/12/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 09)

A process for the preparation of 3-substituted amino-3-glycosylated propanoates of the general formula 7 of the drawing accompanying the specification



wherein R is the alkyl chain consisting of 1-4 carbon alkyl, aralkyl groups or H; R<sub>1</sub> is alkyl group or H; R<sub>2</sub> is 1-4 carbon branched or unbranched alkyl groups; R<sub>3</sub> is branched or unbranched alkyl, heterocycloalkyl or cyclogroup or H; n ranges from 0 to 4, R<sub>4</sub> is 1 to 4 carbon branched or unbranched alkyl or acyl group, cycloalkyl or heterocycloalkyl groups, aroyl group where aromatic ring is substituted or unsubstituted; which comprises (i) preparing activated sieber amide resin by treating

the sieber amide resin with 20-90 % piperidine-dimethyl formamide or piperidine in a solid phase reaction vessel, (ii) coupling the activated amide resin with N-(9-fluorenyl methoxy carbonyl) amino acids of the general formula 1 of the drawing accompanying the specification in presence of conventional coupling agent at a temperature in the range of 0-100 °C for a period in the range of 1 to 12 hrs to form amide linkage between the resin and amino acid of the general formula 1 producing the resin bound compound of the general formula 2 of the drawing accompanying the specification, (iii) deprotecting the N-(9-fluorenyl methoxy carbonyl) group from the above substrate 2 in dimethylformamide, by treating with 20-90 % at 0 to 50 °C, followed by washing with dimethyl formamide and successively with dichloromethane to get the free amino group resin bound substrate. (iv) reacting alkyl- [3-(1,2-O-isopropylidene-3-O-substituted (alkyl or aralkyl)-1,4-pentofuranos-4-yl]-propenoates of the general formula 3 of the drawing accompanying the specification wherein R, R<sub>1</sub>, R<sub>2</sub> has the meaning as described earlier to the aminoacyl resin in an organic solvent in presence of an organic base at the temperature in the range of 10-100 °C for a period 1-48 hrs to obtain compound of formula 4 of the drawing accompanying the specification, washing the resin bound compound of formula 4 as in step (iii); (v) reacting the resin bound compound of the general formula 4 either with a compound selected from alkyl or arylhalides/ acyl halides/ aliphatic / aromatic/ heteroaromatic acids or their acid chlorides of the general formula 5 of the drawing accompanying the specification wherein wherein R<sub>4</sub> is 1-12 carbon branched or unbranched alkyl chain, substituted or unsubstituted aromatic/heteroaromatic rings, X is CH<sub>2</sub>Cl, CH<sub>2</sub>Br, COCl, COBr or COOH groups, n may vary from 0 to 12; in dimethyl formamide/ dimethyl sulphoxide in presence of bases selected from diazabicycloundecene, pyridine, dimethyl amino pyridine at temperature ranging from 0 to 150 °C for a period 1-56 hrs and washing the reaction mixture as in case of step (iii) to give the resin bound compound of the general formula 6 wherein R, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> as stated above finally cleaving the resin bound glycoconjugates to give the compounds of the general formula 7 indicated herein using 2-90% trifluoro acetic acid in dichloromethane in the temperature range of 0 to 40 °C; evaporating the solvents followed by lyophilization using tertiary butanol and water.

Indian Classification :- 32 C 194985

International Classification<sup>7</sup> :- B 01D 61/58, C 07K 1/14

Title :- "A PROCESS FOR DESALTING OF AMINO ACID AND AMPHOTERIC COMPOUND BY ELECTRO DIALYSIS USING ION CONDUCTING SPACERS".

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors :- VINOD KUMAR SHAHI - INDIAN  
BABULAL SURABHAI MAKWANA - INDIAN  
DILIPBHAI KESHUBHAI GOHIL - INDIAN  
SREEKUMARAN THAMPY - INDIAN  
CHENNUR RADHAKRISHNA REDDY - INDIAN  
RAMAMURTI RANGARAJAN - INDIAN  
RUSHPITO KUMAR GHOSH - INDIAN.

Kind of Application COMPLETE

Application for Patent Number 385/DEL/2002 filed on 28/3/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 7 )

A process for desalting of amino acid and amphoteric compound by electro dialysis using ion conducting spacers which comprises;

- a) electro dialyzing as herein described an aqueous solution of 50 to 20000 ppm of amino acid or amphoteric compound as herein described and 50 to 10000 ppm of sodium chloride at a pH in the range of 3 to 12 in an electrodialytic unit operated in recirculation or batch mode, comprising a cation exchange membrane and an anion exchange membrane as herein described, number of cell pairs ranging between 1 to 100 with cation conducting spacers such as preformed inter polymers of poly ethylene styrene-divinyl benzene copolymer using after its sulfonation in juxtaposition to anion exchange membrane and anion conducting spacer after its chloromethylation and amination in juxtaposition to anion exchange membrane, anode and cathode as herein described,
- b) allowing the above said amino acid/amphoteric compound- salt mixed solution and water to flow through desalted and concentrated chamber respectively as herein described at a flow rate ranging from 1 lit./hr. to 100 lit./hr in a recirculation mode of operation, and applying a DC potential in the range of 0.5 to 2.5 V/cell pair by using an expanded precious metal oxide coated titanium as anode and thin stainless steel plate as cathode to obtain the desired desalted product containing 50-200 ppm salt.

Indian Classification : 83XIV 194986

International Classification : A23 D7/00

Title : "A PROCESS FOR THE PREPARATION OF A LOW FAT SWEET SPREAD USEFUL BUTTER JAM SPREAD".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, AN Indian-registered body incorporated under the Registration of Societies Act(Act XXI of 1860).

Inventors : CHETANA RAMAKRISHNA YELLA REDDY SUNKI REDDY-ALL INDIAN.

Kind of Application : COMPLETE

Application for Patent Number 239/DEL/2002 filed on 15/03/2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of a low fat sweet spread useful as butter-jam substitute comprising: 18-35% fat, 5-10% glucose, 25-35% sugar, 6-12% skim milk powder, 6-12% maltodextrin and additives consisting of 0.4-0.6% each of tartaric acid, glyceryl monostearate, guar gum and lecithin and 0.1-0.2% sorbic acid flavours and colours at 100-200ppm, 4-6% cocoa powder as an optional ingredient; balance water

the-said process comprising the steps of:

- i) mixing sugar, glucose syrup, skim milk powder, maltodextrin and additives such as defined herein in water to get an aqueous mixture,
- ii) preparing fat phase by mixing the fat blend consisting of vanaspati and peanut oil or sunflower oil, with emulsifiers and heating at temperature ranging 50°-60°C to get clear solution,
- iii) mixing both aqueous mixture and fat phases and homogenizing thoroughly by beating with electrical beater,
- iv) mixing the optional ingredient, cocoa powder along with aqueous and fat phases as in step (iii),
- v) chilling the said mixed mass at refrigerated temperature for 20-30 min,
- vi) passing the said chilled mass through triple roll mill to reduce the particle size,
- vii) homogenizing and chilling the mass after passing through triple roll mill as in step (vi) to obtain the desired low fat sweet spread, the said process is characterized in using a fat blend having low fat content of step (ii) and mixing it with sweet blend of step(i) in a particular proportion.

(Complete Specification Pages 21 Drawing NIL Sheet)

Indian Classification : 123 194987

International Classification<sup>7</sup> : A01G 1/04

Title : "AN IMPROVED PROCESS FOR THE PREPARATION OF A GROWTH MEDIUM USEFUL FOR THE GROWTH OF EDIBLE FUNGUS."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).

Inventors : SOMASUNDARAM RAJARATHNAM - INDIAN  
ZAKIA BANO – INDIAN  
MYSORE NANJARAJURS SHASHIREKHA - INDIAN

Kind of Application : Complete

Application for Patent Number 160/Del/2002 filed on 28<sup>TH</sup> Feb. 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 6 Claims )

An improved process for preparation of a growth medium useful for growth of edible fungus, comprising conditioned coffee pulp and protein rich cereal powder such as herein described wherein amount of said cereal powder ranges from 0.5% to 2% on the basis of conditioned coffee pulp, said process comprises the steps of : (a) soaking fresh coffee pulp in dilute phosphoric acid having concentration ranging 0.1%-0.5%, for a period ranging 2-6 hours, draining excess solution, (b) re-soaking phosphoric acid treated coffee pulp in aqueous alkali hydroxide solution such as herein described, having concentration ranging between 0.05%-0.25%, for a period of s-6 hours for neutralization and to get conditioned pulp; (c) mixing the conditioned coffee pulp of step (b) with protein rich cereal powder having weight percentage as defined above to get the desired growth medium.

(Complete Specification 11 Pages Drawings Nil Sheet)

Indian Classification : 55 E4 194988

International Classification<sup>7</sup> : A61K 35/78

Title : "A PROCESS FOR ISOLATION OF HYPERFORIN."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA. an Indian body incorporated under the Registration of Societies Act (XXI of 1860).

Inventors : GHULAM NABI QAZI - INDIAN  
SATISH CHANDER PURI - INDIAN  
GEETA HANDA - INDIAN  
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VINAY KUMAR GUPTA - INDIAN  
NEELAM VERMA - INDIAN  
RAJNEESH ANAND- INDIAN  
RAVINDER KUMAR RAINA- INDIAN  
RAVI KANT KHAJURIA - INDIAN  
ASHOK KALOSTRÁ - INDIAN  
SANTOSH KUMAR BAKSHI- INDIAN  
OM PARKASH SURI - INDIAN

Kind of Application : Complete

Application for Patent Number 180/Del/2002 filed on 28<sup>th</sup> Feb. 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 9 Claims )

A process for isolation of hyperforin which comprises (i) extracting the dried plant material obtained from *Hypericum perforatum* L with a hydrocarbon solvents such as herein described or acetone, (ii) concentrating the extract under vacuum to obtain residue, (iii) dissolving the above said residue in water if extraction is carried out in step (i) by using solvent selected from benzene, chloroform, dichloromethane or acetone and extracting the aqueous solution with a non polar solvent such as herein described, (iv) concentrating the alkane solvent extract to get the residue, (v) purifying the residue by high performance liquid chromatography (HPLC) to get hyperforin of 99% purity, if desired freeze-drying the fraction collected from HPLC.

(Complete Specification 15 Pages Drawings Nil Sheet)

Indian Classification	:	40 B	194989
International Classification <sup>7</sup>	:	B01J 23/16	
Title	:	"A PROCESS FOR PREPARATION OF A CATALYST USEFUL FOR PREPARATION OF NICOTINAMIDE AND ISONICOTINAMIDE."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SUBHASH CHANDRA RAY - INDIAN BALDEV SINGH - INDIAN SUMANT MAHARAJ - INDIAN HIRALAL PRASAD - INDIAN PRODYOT KUMAR SARKAR - INDIAN PASHUPATI DUTTA - INDIAN SHYAM KISHORE ROY - INDIAN ANUP KUMAR BANDOPADHYAY - INDIAN RAJA SEN - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 293/Del/2002 filed on 26<sup>TH</sup> March 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

( 3 Claims )

A process for the preparation of a catalyst useful for preparation of nicotinamide and isonicotinamide which comprises; reacting potassium permanganate and manganous salt solution in neutral medium as herein described by drop wise addition of aqueous solution (0.303 to 1.125 molar) of manganous salt as herein described to aqueous solution (0.332 to 1.103 molar) of potassium permanganate at a temperature in the range of 30 to 80 degree Celsius with constant stirring for a time period in the range of 30 minutes to one hour, allowing to settle the above reaction mixture for a time period in the range of 10 to 15 hours, filtering the precipitate of MnO<sub>2</sub> and washing with distilled water, drying the precipitate in an air oven at 100°C for 3-4 hours to produce the catalyst.

(Complete Specification 13 Pages Drawings Nil Sheet)



Indian Classification : 32 C 194990

International Classification : A 61K 35/78

Title : "A PROCESS FOR THE PREPARATION OF A NOVEL MODIFIED FIBRIN-FIBRILLAR PROTEIN COMPOSITE SHEET".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : SHEIKH EUSUFF NOORJAHAN - INDIAN  
MANDYAM DEVASIKAMANI RANGANAYAKI-INDIAN  
GANGA RADHADRISHNAN-INDIAN  
BHABENDRA NATH DAS-INDIAN  
UMMADISSETTY VENKATESWARLU-INDIAN  
CHELLAN ROSE-INDIAN  
THOTAPALLI PARVATHALESWARA SASTRY-INDIAN

Kind of Application : COMPLETE

Application for Patent Number 285/DEL/2002 filed on 21.03.02

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

(Claims 11)

A process for preparation of a novel modified fibrin-fibrillar protein composite sheet for medical applications which comprises

- (i) treating crude fibrin in aqueous medium with the metallic salt of an organic acid, preferably sodium or potassium acetate
- (ii) optionally, bleaching the purified fibrin as formed in step (i), with a conventional bleaching agent at a pH in the range of 8-11,
- (iii) masticating the bleached fibrin, as formed in step (ii), to form a paste by conventional method such as herein described,
- (iv) preparing a fibrillar protein solution 2-10% in aqueous medium at 20-50°C, as described herein,
- (v) mixing the paste as formed in step (iii) with fibrillar protein solution of step (iv), a plasticizer and a crosslinker such as defined herein, at a temperature ranging between 40°-55°C to obtain composite,
- (vi) converting the composite into sheet by conventional methods, followed by drying the resulting composite sheet,
- (vii) copolymerising the fibrin-fibrillar protein composite as formed in step (vi) with acrylic monomers in the presence of redox initiator, such as herein described, at a temperature of around 40°-70°C over a period of 2-4 hours,
- (viii) coupling the resultant graft copolymer, with a drug, if desired
- (ix) sterilizing the copolymer by exposing it to gamma irradiation, to get the desired modified fibrin-fibrillar protein composite sheet.

(Complete Specification Pages - 20 Drawing sheet - Nil)

Indian Classification	: 55 E4	194991
International Classification <sup>7</sup>	: A61K 35/78	
Title	: "A PROCESS FOR PREPARATION OF PHARMACOLOGICALLY ACTIVE FORMULATION FROM HYPERICUM SPECIES."	
Applicant	: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	: GHULAM NABI QAZI - INDIAN SATISH CHANDER PURI - INDIAN GEETA HANDA - INDIAN NEELAM VERMA - INDIAN RAJNEESH ANAND- INDIAN RAVINDER KUMAR RAINA- INDIAN SANTOSH KUMAR BAKSHI- INDIAN OM PARKASH SURI – ALL INDIAN	
Kind of Application	: Complete	

Application for Patent Number 170/Del/2002 filed on 28<sup>th</sup> Feb. 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

**( 6 Claims )**

A process for preparation of a pharmacologically active formulation from Hypericum species which comprises :

- (a) drying and powdering of the plant material.
- (b) extracting the powdered plant material with a non polar solvent such as herein described and drying the solvent extract to obtain the residue,
- (c) extracting the above said residue in water and,
- (d) Extracting the water extract with a non-polar solvent such a herein described to get extract containing hyperforine,
- (e) the marc left in step (b) after the non-polar solvent extraction was extracted with polar solvent to isolate Hypericins,
- (f) mixing hyperforin and hypericin with a total lignocellulosic material of Hypericum species, left as marc after extraction of hyperforine and hypercine or a pharmacologically inert filler such as herein described in such a way that the total formulation contains Hyperforin and Hypericin upto 6% and 0.6% respectively to obtain a stable composition.

(Complete Specification 11 Pages Drawings Nil Sheet)

Indian Classification : 83 A1 194992  
International Classification<sup>7</sup> : A23J 1/14  
Title : "A PROCESS FOR THE PREPARATION OF SOY BASED LOW-FAT AND HIGH PROTEIN SNACK."  
Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).  
Inventors : THIRUMAKUDALU CHIKKARAJA SINDHU KANYA  
HOLENARASIPURA NANJUNDIAH CHANDRASEKHARA  
TYAKAL NANJUNDIAH INDIRA  
APPU RAO GOPALA RAO APPU RAO  
VISHWESHWARIAH PRAKASH - ALL INDIAN  
Kind of Application : Complete

Application for Patent Number 341/Del/2002 filed on 27<sup>th</sup> March 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

( 5 Claims )

A process for the preparation of soy based low - fat and high protein snack, characterized in having full fat soy flour without affecting sensory profile and having characteristics such as herein defined, said process comprising steps of:

- a) blending the following ingredients thoroughly to obtain an uniform dry mix,
  - i) full Fat soy flour 5-20% Wt (%)
  - ii) bengal gram flour 24-40% Wt (%)
  - iii) rice flour - plain 18-20% Wt (%)
  - iv) gelatinized starch 4 - 5 % Wt (%)
  - v) salt 1.8 - 1.9% Wt (%)
  - vi) chilli powder 0.5 - 0.7% Wt (%)
  - vii) ajwain powder 0.5 - 0.7% Wt (%)
  - viii) baking powder 0.25 - 0.35% Wt (%)
- b) dissolving lecithin ( 0.3 - 0.32%) in liquid fat,
- c) mixing with water the ingredients of steps (a) and (b) to obtain a dough,
- d) extruding dough obtain at step ( c ), into desirable shape and thickness,
- e) baking a temperature range of 180° - 190°C for a period of 15 - 60 minutes the extruded strands of step (d) to get the desirable low - fat, high protein snack

(Complete Specification 13 Pages Drawings Nil Sheet)

Indian Classification	:	A 23L 1/00	194993
International Classification <sup>4</sup>	:	92 D	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF SOY BASED DRY MIX FORMULATION USEFUL FOR THE PREPARATION OF SAMBAR LIKE GRAVY MIX".</b>	
Applicant	:	<b>COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>RANGASWAMY BABY LATHA KODANGALA KESHA VA BHAT TYAKAL NANJUNDIAH INDIRA SUKUMAR DEBNATH DR. GUNTUR RAMANATHAM-ALL INDIAN.</b>	
Kind of Application	:	<b>COMPLETE</b>	

Application for Patent Number 240/DEL/2002 filed on 15/03/2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008..

(02 Claims)

A process for the preparation of soy based dry mix formulation useful for the preparation of sambar like gravy mix comprising;

- a. defatted soy flour in the range of 45-48%.
- b. tamarind pulp in the of 9-11%,
- c. bengal gram flour in the range of 5-10%,
- d. turmeric powder in the range of 1.2,-1.6%,
- e. common salt in the range of 8-10%,
- f. balance is spices and adjuncts.

and the said process comprising the steps

- i) mixing of 45 to 48% defatted soy flour, 9-11% tamarind pulp, or 9-14% tamarind powder, 5-10% Bengal gram flour, 1/2-1.6% turmeric and 8-10% common salt in a ribbon blender for 10 –20 mins and drying in hot air dryer at a temperature of 80-95°C for 4-6hr,
- ii) grinding the above said dried material in a plate mill and sieving in a 20 mesh sieve to obtain processed soy flour.

- (iii) roasting the spices in a drum roaster 4-6% red chilli at 90-120°C for 30-60 mins,
- iv) adding spices selected from 8-22% Coriander, 1.5-3% Cumin, 0.8-1.0% Fenugreek, 0.4-0.6% Pepper, 0.3-0.4% Black gram dal, 0.3-0.4% Bengal gram dal, 0.15-0.2% asafetida powder at a temperature of 90-120°C for 30-60 mins and mixing them.
- v) grinding the above said roasted material in a plate mill to a particle size of 44 to 60 mesh,
- vi) blending the 70-78% processed soy flour and ground 22-30% spice mix from step(IV) in a ribbon blender or 15-25 mins to obtain the sambar like gravy mix.

(Complete Specification Pages 15 Drawing NIL Sheets)

Indian Classification : A 23L 1/27 194994

International Classification<sup>4</sup> : 144C

Title : "A PROCESS FOR THE PRODUCTION OF REDUCED COLOUR CYANOBACTERIA-SPIRULINA".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : RAVI SARADA  
SUVENDU BHATTACHARYA  
GOKARE ASWATHANARAYANA-  
RAVISHANKAR-ALL INDIAN.

Kind of Application : COMPLETE

Application for Patent Number 236/DEL/2002 filed on 14/03/2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the production of reduced colour Cyanobacteria-Spirulina which comprises,

- a) dispersing of Spirulina powder in a solution of miscible organic solvent and water in a concentration ranging from 10 to 80% for a period of 10 min to 2hr,
- b) separating the above said Spirulina biomass by centrifugation at about 6000 rpm for 15 min and
- c) drying at a temperature of 40-50°C for 1-3 hours in hot air oven to obtain reduced colour Cyanobacteria-Spirulina.

(Complete Specification Pages 15 Drawing NIL Sheets)

Indian Classification 39 M 194995

International Classification<sup>7</sup> C 01B 25/16

Title "AN IMPROVED PROCESS FOR PREPARATION OF PHOSPHOGYPSUM FROM A WASTE BY-PRODUCT OF FERTILISER PLANTS"

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors SAILESH RANJAN DAS - INDIAN  
BISHNUPADA GHOSH - INDIAN

Kind of Application PROVISIONAL/COMPLETE

Application for Patent Number 378/del/1996 filed on 23/02/1996

Complete left after Provisional Specification on 27.12.1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 6 )

An improved process for the preparation of phosphogypsum from a waste by-product of phosphate based Fertiliser plants, which comprises;

- (a) making a slurry of phosphogypsum with water under stirring, adding an alkali such as herein described, maintaining pH of the slurry in the range of 8-10,
- (b) adding a frother to the pH adjusted gypsum slurry obtained in step (a) under vigorous stirring,
- (c) subjecting the above conditioned gypsum slurry to froth floatation,
- (d) filtering the said gypsum slurry using vacuum drum filter,
- (e) drying the wet gypsum having 98-99%  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ .

Provisional Specification	No of Pages	6	Drawings Sheets	NIL
Complete Specification	No of Pages	11	Drawings Sheets	NIL

Indian Classification :- 32 C **194996**

International Classification<sup>7</sup> :- C 08 F 020/00

Title :- "AN IMPROVED PROCESS FOR THE PREPARATION OF HYDROGENATED POLY ALFA OLEFINS "

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors :- MAHENDRA PRATAP SAXENA-INDIAN  
GIRINDRA NARAIN KULSRESHTHA-INDIAN  
DINESH BANGWAL-INDIAN  
SATISH KUMAR SHARMA-INDIAN  
GULAB SINGH BHANDARI-INDIAN  
MADAN GOPAL BANERJEE-INDIAN

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 160/del/1996 filed on 25/01/96

Complete left after Provisional specification filed on 15.11.96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 04 )

An improved process for the preparation of hydrogenated poly alpha olefins used as synthetic lubricants which comprises: treating poly alpha olefin with a activated adsorbent as herein described in the range of 2-30% of poly alpha olefin, hydrogenating the treated poly alpha olefins at a temperature in the range of 90-150°C, at a pressure in the range of 8-20 kg/cm<sup>2</sup> in the presence of 1-10% by weight palladium on carbon catalyst for a period in the range of 0.5 to 12 hrs, separating the catalyst by known methods such as herein described to obtain the hydrogenated poly alpha olefins.

Provisional specification	No. of Pages	04	Drawing sheets	Nil
Complete Specification	No of Pages	08	Drawings Sheets	Nil



Indian Classification - 32 (ix) 194997

International Classification - C 08F 2/00, 2/06, 299/00 & C 08K 5/02, 5/36

Title - "AN IMPROVED PROCESS FOR THE PREPARATION OF CHLORINATED AND CHLOROSULPHONATED ELASTOMERS"

Applicant - COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors - ANJANIKUMAR JYOTIPRASAD VARMA - INDIAN

Kind of Application - COMPLETE

Application for Patent Number 2962/DEL/1996 filed on 27/12/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 6 )

An improved process for the preparation of chlorinated and chlorosulphonated elastomers which comprises heating olefinic polymer gradually, in the presence of a halogenated hydrocarbon with chlorine and/or sulfur dioxide in presence of a free radical producing initiator for a period ranging between 30 minutes to 4 hours, allowing the reactor to attain ambient temperature, slowly passing the gases entrapped in the bomb reactor through an aqueous alkali solution, pouring the contents of the reactor into an organic solvent for coagulation, removing the solvent to obtain the product and recovering the said elastomer by conventional methods as herein described.

Complete Specification

No of Pages

12

Drawings Sheet

01

Indian Classification :- 55 E<sub>3</sub> 194998

International Classification<sup>7</sup> :- A61K 37/64

Title :- "A PROCESS FOR THE PREPARATION OF BENZISO-N(L-HISTIDINE METHYLESTER)-THIAZOLONE A NOVEL RNA POLYMERASE INHIBITOR BY ZINC EJECTION FROM ZINC FINGER MODULES".

Applicant :- COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi- 110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors :- SUBRAMANIA - RANGANATHAN -INDIAN  
KANNOTH MANJHERI MURALEEDHARAN -INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 1078/DEL/2000 filed on 29/11/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 02 )

A process for the preparation of Benziso -N(L-histidine methylester)-thiazolone a novel RNA polymerase inhibitor by zinc ejection from zinc finger modules [CCXX] wherein C=cysteine, X=cysteine or histidine, the process comprises:

- a) generating the free amine of the histidine methylester *in situ* by adding triethylamine to an ice cooled and stirred suspension of histidine methylester dihydrochloride in dry dichloromethane,
- b) adding dropwise, a dichloromethane solution of dithiodibenzoyl chloride and triethylamine to the above free amine at a temperature ranging from 0-5°C and stirring the reaction mixture for about 48 hrs. at room temperature,
- c) washing the above reaction mixture with a cold saturated NaHCO<sub>3</sub> (3x10 mL), drying the organic layer with MgSO<sub>4</sub>, evaporating the solvent in vacuo followed by eluting the desired Benziso-N(L-histidine methyl ester)- thiazolone by chromatography using Hexane-Ethyl acetate as a eluent.

Complete Specification

No of  
Pages

09

Drawings  
Sheets

Indian Classification : 83 A1 194999  
International Classification<sup>4</sup> : A 23L 1/00  
Title : "A PROCESS FOR THE PREPARATION OF INFANT FOOD".  
Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).  
Inventors : NAGAPPA GURUSIDDAPPA MALLESHI - INDIAN  
SUMANGALA SHANKARAPPA GOKAVI-INDIAN  
Kind of Application : COMPLETE  
Application for Patent Number 259/DEL/2000 filed on 16.03.2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

(Claims 12)

A process for preparation of the infant food which comprises of;

- (i) preparing a blend of 60-80 wt% finger millet malt flour and 20-40 wt% barley malt flour free of seed coat material of atleast 100 mesh (BSS), mixing 20-35 wt% of the above blend in 65-80 wt% potable water, heating the said mix at the rate of 0.5<sup>o</sup>-2<sup>o</sup>C per min with constant stirring to boiling, allowing the mix to boil till complete hydrolysis of the starch,
- (ii) blending thoroughly 45-65 wt% of the pasteurized whole bovine milk, 8-12 wt% of deodorized vegetable oils rich in essential fatty acids, 5-12 wt% of disaccharides, 0.2-2 wt% of buffer salts, 0.2-0.8 wt% emulsifier, 0.5-2 wt% of pharmaceutical grade vitamins and minerals, and then mixing with the slurry obtained in (i) to get homogenized mix, concentrating the homogenized mix, at a temperature range of 35<sup>o</sup>-50<sup>o</sup>C and a pressure of 25-35" Hg followed by conventional drying to get infant food.

(Complete Specification Pages - 25 Drawing sheet - Nil)

Indian Classification : 40IV 195000 195000  
International Classification<sup>4</sup> : C07C 45/50  
Title : "AN IMPROVED PROCESS FOR CATALYTIC HYDROFORMYLATION OF WATER SOLUBLE ALKENES".  
Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, AN Indian registered body incorporated under the Registration of Societies Act(Act XXI of 1860).  
Inventors : RAGHUNATH VITTHAL CHAUDHARI  
RAJ MADHUKAR DESHPANDE  
BHALCHANDRA MAHADEO BHANAGE  
SUNIL SADASHIV DIVEKAR  
VINOD SANKARAN NAIR-ALL INDIAN.  
Kind of Application : COMPLETE

Application for Patent Number 800/DEL/1997 filed on 27/03/1997.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi - 110 008.

(08 Claims)

An improved process for catalytic hydroformylation of water soluble alkenes containing carbon atoms in the range of 2-22 and is selected from allyl alcohol, 2-butene-1,4-diol, maleic acid, fumaric acid or the like which comprises: preparing an aqueous solution of water soluble alkene having concentration in the range of 10-30% w/v, adding a water soluble phosphorous containing ligand (promoter) as herein described to this solution, preparing another solution of a metal complex catalyst comprising of Group VIII elements as herein described in water immiscible solvent as herein described, mixing the solutions in a reactor at a temperature ranging between 60 to 180 deg. C, pressuring the reactor with the mixture of CO and H<sub>2</sub> at 300 to 600 psi, stirring the mixture at a speed of 300 to 2000 rpm and constantly monitoring the rate of reaction by pressure depletion for 15 to 60 minutes, discharging the reactor, separating the catalyst in the organic phase and the product in the aqueous phase by phase separation to obtain the products in the aqueous phase.

(Complete Specification Pages 09 Drawing NIL Sheet)

Indian Classification : 55E<sub>4</sub> 195001

International Classification<sup>4</sup> : A61K 9/20, A 61K 9/48

Title : "A METHOD OF ISOLATING FRACTION FROM ARIAL PARTS OF PIPER BETEL".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, AN Indian registered body incorporated under the Registration of Societies Act(Act XXI of 1860).

Inventors : SANTU BANDYOPADHYAY  
BIKAS CHANDRA PAL  
SAMIR BHATTACHARYA  
TANUSREE BISWAS  
MITALI RAY  
KESHAH CHANDRA ROY  
GAUTAM BANDYOPADHYAY-ALL INDIAN.

Kind of Application : COMPLETE

Application for Patent Number 755/DEL/2003 filed on 30/5/2003.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(06 Claims)

A method of isolating fraction from arial parts of piper betel, said method comprising step of:

- a. cutting the arial parts of piper betel into small pieces,
- b. homogenizing the said pieces with polar solvent selected from water, alcohol or their mixture to obtain an extract,
- c. filtering the extract to collect filterate,
- d. lyophilizing the clear extract solution to obtain a semi-solid mass,
- e. fractionating the said semi-solid mass using column chromatography with only water, water-methanol with ratio ranging between 1:5 to 5:1, and only methanol, as eluents,
- f. selecting water: methanol fraction from the column chromatography
- g. running HPLC with flow rate of 1.0 ml/min, using solvent system of methanol: water: acetic acid of of ratio about 23:76:1,
- h. detecting about 12 peaks at about 280 nm, with varied retention time ranging between 3.6 to 36 minutes,
- i. separating the said peaks in a preparative HPLC with flow rate of 12ml/min, and
- j. obtaining fraction Nos. 1 to 9 having desired biological activity.

(Complete Specification Pages 13 Drawing 07 Sheets)

Indian Classification	:-	146 C	195002
International Classification <sup>7</sup>	:-	B 01 D 53/26	
Title	:-	An Improved Device for Producing Granulated Pitch of Reduced Moisture Content.	
Applicant	:-	Steel Authority of India Limited, Research & Development Centre for iron & Steel, a Government of India Enterprise, at Ispat Bhawan, Lodhi Road, New Delhi -110 003.	
Inventors	:-	Jayanit Vinkata Sitarama Murty Indian Tilakraj Bhaskarrao Chahande Indian Harsharaj Krishnarao Chati Indian	
Kind of Application		COMPLETE	
Application for Patent Number	1490/del/1996	filed on	05/07/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 3 )

An improved device for producing granulated pitch of reduced moisture content, which is suitable for producing pitch granules of uniform size and moisture content less than one percent by weight, and comprises an overhead pitch tank (1) for storing molten pitch, an overflow weir (2), a granulator tank (3) having a perforated bottom surface to allow percolation of molten pitch therethrough, a water bath (5), a water cooling tower (11) with two pumps (10), a metallic conveyor belt (4) for transferring the pitch granules formed in the water bath to a hopper (7), characterised in that the device is provided with an overflow sill (9) for supplying cold water into the water bath (5) and a granule cutter (13), positioned adjacent the surface of the conveyor belt (4); for cutting the granules into relatively small pieces during the transfer of the granules by the metallic conveyor belt (4) from the water bath (5) to the hopper (7) for accelerating thereby the draining out of the water entrapped in the pores of the granules before the granules are transferred to the hopper (7).

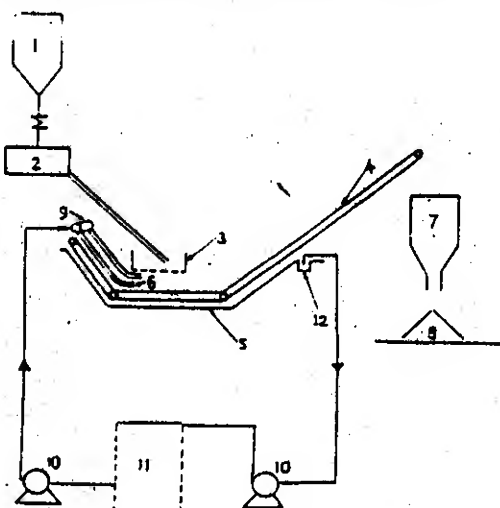
Complete Specification

No of Pages

10

Drawings Sheets

5



Indian Classification :- 28 C 195003

International Classification<sup>7</sup> :- F 24 H 1/20

Title :- "An Improved Burner For Burning A Wide Range Of Fuels And Producing A Wide Range Of Temperatures."

Applicant :- Steel authority of India Ltd., Research & Development Centre for Iron & Steel, A Govt. of India Enterprises, having its registered office at Ispat Bhawan, Lodi road, New Delhi-110003.

Inventors :- SURINDER PAL SINGH SABHARWAL -INDIAN CITIZEN,  
PREM KUMAR TRIPATHI -INDIAN CITIZEN.

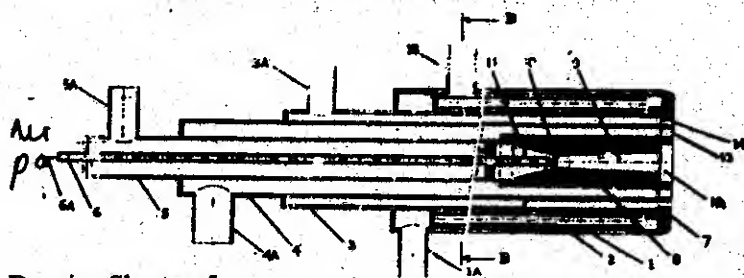
Kind of Application :- COMPLETE

Application for Patent Number 1714/Del/1996 filed on 31/07/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 7 )

An improved burner for burning a wide range of fuels and producing a wide range of flame temperatures comprising at least five concentric seamless mild steel tubes (1,3,4, 5 & 6) for supplying liquid fuels through the innermost tube (6), primary oxygen through the annular space between tube (6) and the adjacent outer tube (5), gaseous fuels through the annular space between tube (5) and the adjacent outer tube (4), secondary oxygen through the annular space between tube (4) and the adjacent outer tube (3) and cooling water through a number of 'cooling water' pipes (2), disposed co-axially in the annular space between tube (3) and the adjacent outer tube (1) and being provided with provisions for allowing the cooling water emerging from the outlet end of pipes (2) to be discharged through the residual annular space between tube (3) and tube (1), characterised in that (a) two separate channels i.e. annular spaces between tube (6) and tube (5), and that between tube (4) and tube (3), are provided for feeding primary and secondary oxygen respectively, (b) a convergent-divergent nozzle (8) is fitted at the outlet terminal of tube (5), (c) throat (10) of the nozzle (8) is disposed at the outlet terminal of tube (6), (d) a heat dissipation plate (7) is joined at the outlet terminals of nozzle (8), tube (4), tube (3) and tube (1) each, and (e) eight pipes (2) are disposed co-axially and substantially at equal axial and circumferential distances from the burner axis in the annular space between the tube (3) and tube (1).



Complete Specification No of pages—13

Drawing Sheets—5.

Indian Classification	:	12 A	195004
International Classification	:	C21D 1/18, C21D 1/62.	
Title	:	"AN IMPROVED DEVICE FOR ANNULAR HEAT-TREATMENT OF CIRCULAR SLIDING AND ROLLING MACHINE PARTS."	
Applicant	:	Steel Authority of India Ltd, Research & Development Centre for Iron & Steel, having its Registered Office at Ispat Bhawan, Lodi Road, New Delhi-110003. a Government of India Enterprise.	
Inventors	:	DAYA SHANKER GUPTA-INDIAN. DINESH KUMAR JAIN-INDIAN. BIMALENDRA ROY-INDIAN. RAMAKANT SINGH-INDIAN. SUDHAKAR JHA-INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number 912/DEL/96 filed on 30-4-96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

#### (9 CLAIMS)

An improved device for annular heat-treatment of circular sliding and rolling machine parts comprising: (i) an overhead tank (H) for storing quenching water; (ii) pipe lines for supplying quenching water through pressure control valves (PCV), filters (F1, F2), pumps (P1, P2), for raising the pressure of the quenching water, sump (SP) for storage of used quenching water; (iii) a plant (PAS) for supplying compressed air to pressure control valves (PCV), pneumatic cylinders (PNC1, PNC2, PNC3), and actuator operated valves (AOV1, AOV2, AOV3, AOV4); (iv) control cubicle (CC); (v) a heat-treatment unit having turn table (T) for supporting machine parts (P) one at a time, a driving mechanism for the turn table, a water-spray ring (R) and a cover/lid (C); characterised in that the turn table is rotatable in a plane perpendicular to its axis by means of the driving mechanism at a specified speed of 15 RPM during heat-treatment of the parts, the water-spray ring is stationary and disposed to encircle the rim of the parts during heat-treatment of the parts, two pumps are capable of raising the pressure of water supplied to the water-spray ring to a high level of 5kg/cm<sup>2</sup>, the cover/lid is movable by means of pneumatic cylinder in the axial direction of the turntable to enclose the parts and water-spray ring during heat-treatment of the parts; one of pneumatic cylinders is capable of placing the heated parts on the turn table and another of pneumatic cylinders is capable of removing the heat-treated parts from the turn table.

(Complete Specification Pages 14 Drawing Sheets – 3)

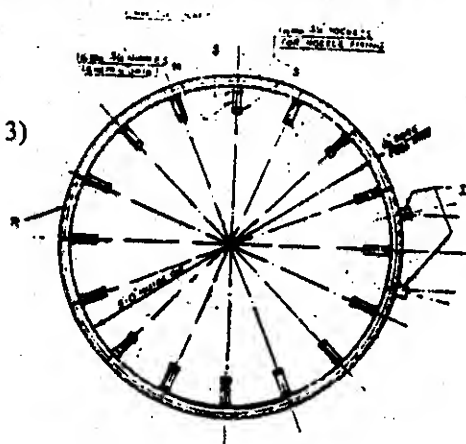


Fig-2



Indian Classification	:-	12 D	195005
International Classification <sup>7</sup>	:-	C21D 1/48	
Title	:-	"An improved method of manufacturing steel blades for shearing high-strength hot rolled steel sheets."	
Applicant	:-	Steel Authority of India Limited., Research & Development Centre for Iron & Steel, A Govt. of India Enterprises, having its registered office at Ispat Bhawan, Lodi Road, New Delhi-11003.	
Inventors	:-	RAMA SHANKAR VERMA -INDIAN CITIZEN, ASIT KUMAR BHAKAT -INDIAN CITIZEN, TULSO DAS CHATTERJEE -INDIAN CITIZEN, SHREE RAM MEDIRATTA -INDIAN CITIZEN.	
Kind of Application	:-	COMPLETE	
Application for Patent Number	1715/Del/1996	filed on	31/07/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 3)

An improved method of manufacturing steel blades for shearing high-strength, hot-rolled steel sheets, comprising the following steps in sequence: (a) preparing steel billets, (b) hot-rolled the billets into flats of required thickness, (c) annealing the flats, (d) rough-machining the flats into blades, (e) stress-relieving the blades, (f) finish-machining/grinding the blades and (g) hardening and tempering the finish-machined/ground blades, characterised in that (i) the billets are hot-rolled into flats at: charging temperature - 400°C, heating rate to attain reheating temperature - 120°C/hr, reheating temperature - 870°C, soaking time - 2 hrs, heating rate to attain rolling temperature - 150°C/hr, rolling temperature - 910 to 1100°C and number of rolling passes - 4; (ii) the flats are annealed at: charging temperature - 200°C max, heating rate to attain annealing temperature - 100°C/hr, annealing temperature - 880°C, soaking time at 880°C - 3 hrs, cooling rate to attain 540°C - 25°C/hr, heating time to attain soaking temperature 780°C - 1 hr, soaking time at 780°C - 1 hr and cooling rate to attain room temperature - 25°C/hr; (iii) the blades are stress-relieved at: charging temperature - 150°C, heating rate to attain stress-relieving temperature 550°C - 60°C/hr, soaking time at 550°C - 6 hrs and cooling rate to attain room temperature - 25°C/hr max; and (iv) the blades are hardened by preheating in a vacuum H.T. furnace with nitrogen feeding at a temperature above 650°C and cooling for quenching with nitrogen circulation and (v) the blades are tempered by heating from room temperature to 650°C at a rate of 120°C/hr, soaking at 650°C for 15 min, heating to 840°C at a rate of 150°C/hr, soaking at 840°C for 10 min, heating to 1020 + 0.5°C at a rate of 200°C/hr, soaking at 1020 + 0.5°C for 30 min, cooling during quenching to 210°C at rate of 270°C/min, cooling during quenching to 50°C at a rate of 120°C/min, heating (during temperature) to 180°C at a rate of 200°C/hr, soaking (during temperature) at 180°C for 2 hrs, cooling from 180°C to room temperature at a rate of 20°C/min, heating to 180°C at a rate of 200°C/hr, soaking at 180°C for 3 hrs and cooling from 180°C to room temperature at a rate of 15°C/min.

Complete Specification

No of Pages

9

Drawings Sheets

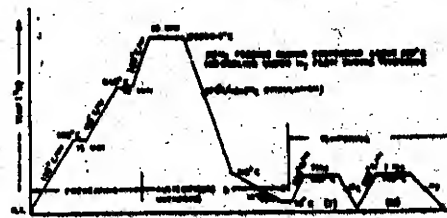


Fig. 1.

Indian Classification	:-	28 C	195006
International Classification <sup>7</sup>	:-	F24H 1/20	
Title	:-	"A FLAT FLAME GASEOUS BURNER."	
Applicant	:-	Steel Authority of India Limited., Research & Development Centre for Iron & Steel, A Govt. of India Enterprises, having its registered office at Ispat Bhawan, Lodi Road, New Delhi- 110003.	
Inventors	:-	SURESH PRASAD MANJHI - INDIAN CITIZEN, THODIMI SHREENIVASA REDDY - INDIAN CITIZEN, AWADESH PRASAD SINGH - INDIAN CITIZEN, PREM KUMAR TRIPATHI - INDIAN CITIZEN, RAMANATH - NALLA - INDIAN CITIZEN.	
Kind of Application	:-	COMPLETE	
Application for Patent Number	1515/Del/1996	filed on	10/07/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 8 )

A flat flame gaseous burner for producing pulsation-free stable and short flame of intense heat, comprising three co-axially mounted pipes (1,2,3) of which innermost pipe (1) is a dummy, intermediate pipe (2) is meant for conducting the fuel gases supplied at inlet (8) through the annular space thereof outside the innermost pipe (1), and outermost pipe (3) is meant for conducting air fed at inlet (9) through the annular space thereof outside the intermediate pipe (2), and refractory quarl (12) integrally fitted at mouth (13) of the burner; characterized in that the burner comprises swirler (4) and swirler (5) fitted at the mouth of the burner respectively in the path of the fuel gases and air conducted through the burner for imparting a tangential motion to the fuel gases and air to assist thorough mixing and complete burning thereof and produce thereby a flat flame of relatively short length and intense heat, and that the refractory quarl (12) is provided with a cylindrical opening part (7) adjacent the mouth of the burner and a parabolically expanding opening part (6) away from the mouth of the burner for producing a pulsation-free stable flame.

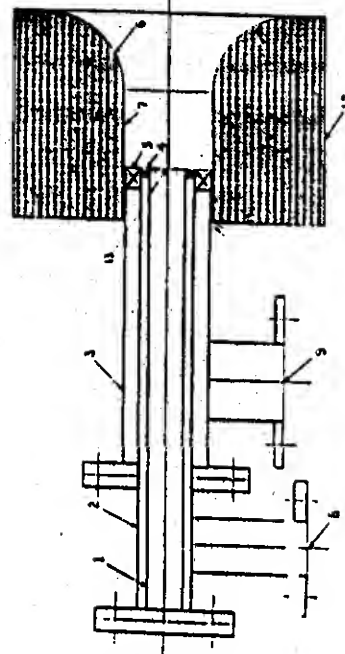


Fig: 2

Complete Specification

No of Pages

9

Drawings Sheets 3

Indian Classification :- 144B 195007

International Classification<sup>7</sup> :- C08J 5/18; B32B 27/06

Title :- "A Matt Film Article."

Applicant :- MAX INDIA LIMITED, an Indian company of Bhai Mohan Singh Nagar, Railmajra, Tehsil and District Ropar (Punjab)-144533.

Inventors :- PUSHPINDER KUMAR KAUSHIK -INDIAN CITIZEN.

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 322/Del/1996 filed on 19/02/1996

Complete left after Provisional Specification filed on : 19/02/1996 Complete filed on : 01/01/1990

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 14 )

A matt film article comprising at least two co-extruded layers, outer layer (2) being a matt layer having matt properties and the inner layer (1) being a co-layer having sealant properties, wherein, the said outer layer is composed of a mixture of at least three resins selected from ethylene propylene polymer, ethylene propylene butylene polymer, high density polyethylene and isotactic propylene in the ratio of 10-30%, 0-5%, 25-65% and 0-50% respectively and optionally other active ingredients such as herein described; the said inner sealant layer is composed of random co-polymer of ethylene propylene where ethylene is present in the amount of 1-8 parts of the co-polymer and optionally other active ingredients such as herein described; the said matt film article has a thickness of 8 to 45 microns; and optionally a middle layer such as herein described.

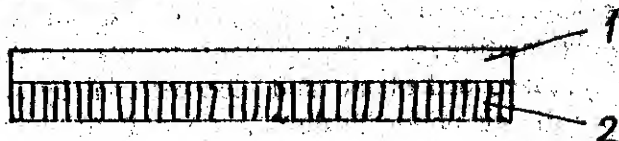


Fig. 1

Provisional Specification  
Complete Specification

No of Pages 8  
No of Pages 13

Drawings Sheets NIL  
Drawings Sheets 1

Indian Classification : 136 XIII

International Classification<sup>4</sup> : C04B-007/02, C04B-007/19 195008

Title : **"A PROCESS OF PRODUCING CEMENT CLINKER".**

Applicant : **FULLER COMPANY, of 2040 Avenue C, Bethlehem, Pennsylvania 18017-2188, USA.**

Inventors : **SIDNEY M. COHEN  
MICHAEL E. PROKESCH-BOTH US.**

Kind of Application : **COMPLETE/CONVENTION**

Application for Patent Number **1265/DEL/1996** filed on **07/06/1996**.

Convention date: **482, 927;08/06/1995; USA.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office  
Delhi Branch, New Delhi – 110 008.

(21 Claims)

A process of producing cement clinker comprising the steps of :

- a. preparing a feed material by combining known cement forming raw materials of the kind such as herein described with an add-on source of potassium to form a mixture and forming the mixture into a form suitable for use in a fluidized bed reactor;
- b. preparing a fluidized bed of the said feed material by supplying the material to a vessel and passing air upwardly through the material within the vessel in a known manner at a velocity sufficient to maintain the material in a fluidized state;
- c. thermal processing the said feed material within the fluidized bed in a manner such as herein described to produce cement clinker and a process gaseous off stream including SO<sub>2</sub>
- d. reacting potassium from the add-on potassium source with SO<sub>2</sub> to produce potassium sulfate solids;
- e. filtering in a known manner the potassium sulfate solids from the process gas stream; and
- f. discharging in a manner such as herein described cement clinker from the vessel.

(Complete Specification Pages 18 Drawing 03 Sheets)

Indian Classification : 97 C  
 4  
 International Classification : F27D 11/00 195609  
 Title : "A PLATE HEATER FOR A LIQUID HEATING VESSELS".  
 Applicant : STRIX LIMITED, an Isle of Man company of Forrest House Ronaldsway, Isle of Man IM9 2RG.  
 Inventors : JOHN CRAWSHAW TAYLOR .  
 KEITH BARRIE DOYLE – Both Citizens of ISLE OF MAN.  
 Kind of Application : COMPLETE / CONVENTION

Application for Patent Number 2281/DEL/95 filed on 12-12-95

Convention application No. 9425173.3/Great Britain /13/12/94  
 9514858.1/Great Britain/20/07/95; 9520821.1/Great Britain/11/10/95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(20 Claims)

A Plate heater for a liquid heating vessel comprising a plastics wall (6;(62), said plate heater comprising a stainless steel plate (10; 38;64;100;120) for forming at least a part of the base of said vessel, characterized in that said stainless steel plate is being provided with an electric heating element (12;74;126) on the underside (68) thereof, the central, heated portion of the plate being substantially planar, an upwardly open peripheral channel (16; 40;58;102; 122;)provided in the stainless steel plate for receiving a depending portion of the vessel wall (22;60) so that the depending wall portion is clamped between the respective side face of the channel for mounting the heater to the vessel, the heater.

(Complete Specification Pages 18, Drawing Sheet – 4)

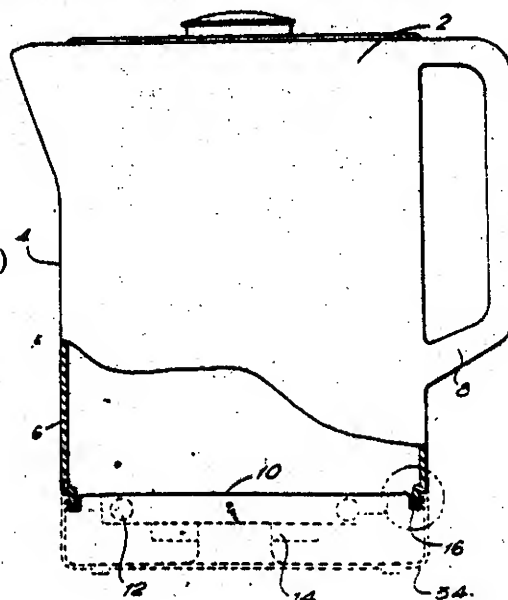


FIG. 1.

Indian Classification - 70

International Classification - H01M - 6/00

Title - "ELECTROCHEMICAL HALF-CELL".

Applicant - BAYER AKTIENGESELLSCHAFT, GERMANY

Inventors - FRITZ GESTERMANN -GERMAN  
HANS-DIETER PINTER -GERMAN

Kind of Application - COMPLETE

Application for Patent Number 2190/DEL/1995 filed on 28/11/1995

195010

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 20 )

Electrochemical half-cell (1), consisting in at least one electrode chamber (14) for accommodating an electrolyte (22), gas chamber (23) and at least one gas-diffusion electrode (5) as anode or cathode lying between gas chamber (23) and divided into two or more gas pockets (20) and (20') superimposed on one another after the manner of a cascade, which are separate from one another and are open towards the electrolyte (22) in a downward direction, so that the pressure in each gas pocket (20, 20') across the opening to the electrolyte (22) is in equilibrium with the pressure of the liquid column of the electrolyte in the corresponding part of the electrode chamber (14) lying before the gas-diffusion electrode (5), and with which any gas supply or gas discharge takes place across the opening (11) and (12) to the electrolyte (22).

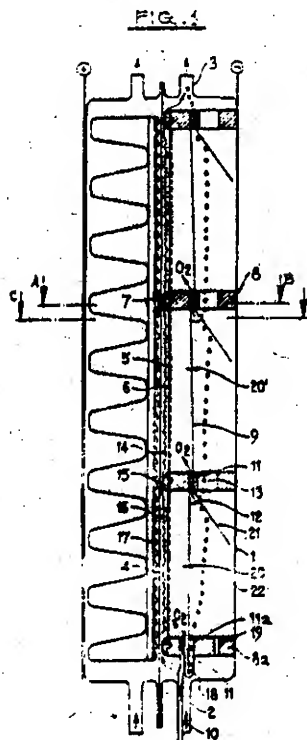
Complete Specification

No of  
Pages

21

Drawings  
Sheets

04



## PATENTS SEALED ON 19.11.2004/KOLKATA

192463 192586 192592 192598 192600 192605 192606

## KOLKATA-07

## PATENTS SEALED ON 16.11.2004 (DELHI)





190020 190590 191262 191366 191513 191629 191635 191673 191784 191786 191787 191788 191795 191797 191801  
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**REGISTRATION OF DESIGNS**


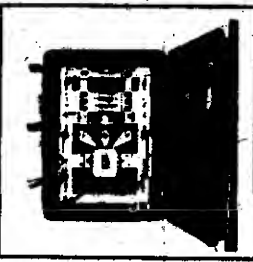
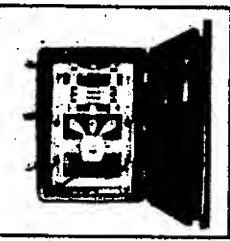
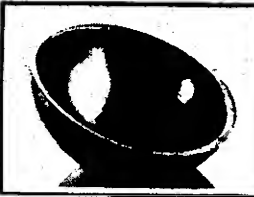
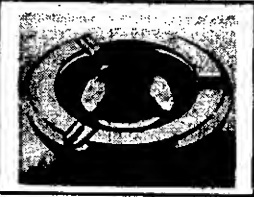
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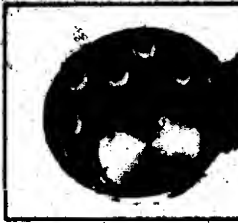



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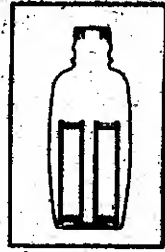

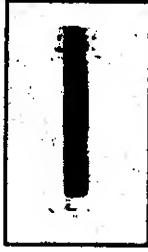
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Class	09-01	No.194013. SOCIETE DES PRODUITS NESTLE S.A., AT 1800 VEVEY, CANTON OF VAUD, SWITZERLAND. "JAR" 30.07.2003 (RECIPROCITY, SWITZERLAND)	
Class	03-01	No.194647. V.I.P. INDUSTRIES LIMITED, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	
Class	03-01	No.194642. V.I.P. INDUSTRIES LIMITED, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	



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Class	03-01	No.194649. V.I.P. INDUSTRIES LIMITED, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 23.02.2004	
Class	03-01	No.194692. V.I.P. INDUSTRIES LIMITED, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	
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Class	13-03	No.193808. M/S. DELHI CONTROL DEVICES PVT. LTD., (PRIVATE LTD. COMPANY), C-23, SECTOR-4, NOIDA-201301, U.P., INDIA. "POWER DISTRIBUTION BOX" 14.11.2003	

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Class	27-03	No.194393. M/S. TWO BROTHERS EXPORT INDIA, 4-G, BIG JOS TOWERS, NETAJI SUBHASH PLACE, PITAM PURA, DELHI-110034, "ASH TRAY" 20.01.2004	

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Class	26-99	No.194390. M/S. TWO BROTHERS EXPORT INDIA, 4-G, BIG JOS TOWERS, NETAJI SUBHASH PLACE, PITAM PURA, DELHI-110034, "CANDLE STAND" 20.01.2004	
Class	07-01	No.194388. M/S. TWO BROTHERS EXPORT INDIA, 4-G, BIG JOS TOWERS, NETAJI SUBHASH PLACE, PITAM PURA, DELHI-110034, "WINE COOLER-ELENTA" 20.01.2004	
Class	07-01	No.194386. M/S. TWO BROTHERS EXPORT INDIA, 4-G, BIG JOS TOWERS, NETAJI SUBHASH PLACE, PITAM PURA, DELHI-110034, "MIXING BOWL" 20.01.2004	

Class	09-01	No.195531. CAVINKARE PVT. LTD., AT NEW NO.237,, (OLD NO.130), PETERS ROAD, CHENNAI:-600 086, T.N., INDIA. "TRANSPARENT CONTAINER" 30.04.2004	
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